

COORDINATING SUCCESS:

**STRATEGY FOR RESTORATION OF
THE SOUTH FLORIDA ECOSYSTEM**

VOLUME 2

SEPTEMBER 2003

SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE

TABLE 10 PROJECT SUMMARY TABLE

Goals		Project Name	Org.	Start	End	Financial Requirement	Appropriated to Date	Measurable Targets	Primary Objective	Secondary Objectives	Vol. 2 Ref. Pg. #
Goal 1.		GET THE WATER RIGHT									
Sub-Goal 1.A.		GET THE HYDROLOGY RIGHT (Quantity, Timing & Distribution)									
1.A.1.		SURFACE WATER STORAGE PROJECTS						ACRE-FT.			
	1100	C&SF: CERP Acme Basin B Discharge	USACE	2002	2008	\$20,100,000	\$1,242,000	3,800	1.A.1		1
	1101	C&SF: CERP Indian River Lagoon South, C-23/C-24/C-25/Northfork and Southfork Storage Reservoirs (UU), and C&SF: CERP C-44 Basin Storage Reservoir (B)	USACE/SFWMD	2002	2012	\$995,935,00	\$1,000,000	190,000	1.A.1		2
	1102	C&SF: CERP Everglades Agricultural Storage Reservoir Phase I (GP2)	USACE/SFWMD	2001	2009	\$233,408,000	\$14,166,000	240,000	1.A.1		4
	1103	C&SF: CERP Everglades Agricultural Storage Reservoir Phase II (GP2)	USACE/SFWMD	2004	2014	\$203,240,000	\$356,000	120,000	1.A.1		5
	1104	C&SF: CERP Lake Okeechobee Watersher	USACE/SFWMD	2001	2013	\$455,828,000	\$4,573,000	250,000	1.A.1	1.B.1, 2.A.3	6
	1105	C&SF: CERP North Lake Belt Storage Area (Phase I & I	USACE/SFWMD	2011	2036	\$500,346,000	\$902,000	90,000	1.A.1		8
	1106	C&SF: CERP Palm Beach County Agricultural Reserve Reservoir and ASR	USACE/SFWMD	2005	2019	\$121,359,000	\$216,000	20,000	1.A.1	1.A.2	9
	1107	C&SF: CERP Site 1 Impoundment and Aquifer Storage and Recove	USACE/SFWMD	2002	2017	\$131,379,000	\$162,000	15,000	1.A.1	1.A.2	10
	1108	C&SF: CERP Bird Drive Recharge Area (U	USACE/SFWMD	2003	2011	\$124,083,000	\$816,000	11,500	1.A.1		11
	1109	C&SF: CERP C-43 Basin Storage Reservoir and ASf	USACE/SFWMD	2001	2018	\$440,195,000	\$6,876,000	160,000	1.A.1	1.A.2	12
	1110	C&SF: CERP Central Lake Belt Storage Are	USACE/SFWMD	2014	2036	\$466,725,000	\$844,000	190,000	1.A.1	1.B.1	13
	1111	Critical Ecosystems Restoration Projects - Ten Mile Cree	USACE/SFWMD	1997	2003	\$29,946,000	\$15,815,000	5,000	1.A.1	2.A.3	14
	2100	Allapattah Flats/Ranch	FDEP	1997	TBD	*	*	32,000	2.A.1	1.A.1	91
1.A.2.		AQUIFER STORAGE & RECOVERY (ASR) PROJECTS						BGD			
	1109	C&SF: CERP C-43 Basin Storage Reservoir and ASf	USACE/SFWMD	2001	2018	*	*	0.22	1.A.1	1.A.2	12
	1200	C&SF: CERP C-51 Regional Groundwater Aquifer Storage and Recovery	USACE/SFWMD	2012	2020	\$127,291,000	\$328,000	0.17	1.A.2		15
	1201	C&SF: CERP Lake Okeechobee ASR (GG	USACE/SFWMD	2009	2026	\$1,097,312,000	\$1,918,000	1	1.A.2		16
	1106	C&SF: CERP Palm Beach County Agricultural Reserve Reservoir and ASR	USACE/SFWMD	2005	2019	*	*	0.075	1.A.1	1.A.2	9
	1107	C&SF: CERP Site 1 Impoundment and Aquifer Storage and Recove	USACE/SFWMD	2002	2017	*	*	0.15	1.A.1	1.A.2	10
1.A.3.		MODIFY IMPEDIMENTS TO SHEETFLOW PROJECTS						MILES MODIFIED			
	1300	Canal 111	USACE/SFWMD	1994	2008	\$268,200,000	\$125,281,000	4	1.A.3	3.B.1	17
	1301	C&SF: CERP WCA -3 Decompartmentalization and Sheetflow Enhancement (AA)(QQ)(SS)	USACE/SFWMD	2001	2015	\$211,687,000	\$2,936,000	240	1.A.3	2.A.3	18
	1302	C&SF: CERP Florida Keys Tidal Restorator	USACE/SFWMD	2001	2006	\$3,874,600	\$1,490,000	0.6	1.A.3		19
	1303	Critical Projects Southern CREW	USACE	1999	2005	\$12,435,000	\$7,958,000		1.A.3		20
	1304	East WCA-3A Hydropattern Restorator	SFWMD	1994	2003	\$5,040,571	\$5,040,571	8.5	1.A.3		21
	1305	Kissimmee Prairie	FDEP/SFWMD	1996	1997	\$22,100,000	\$22,100,000	39.3	1.A.3	2.A.1	22

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	1306	Kissimmee River Restoration Project	USACE/SFWMD	1994	2010	\$578,000,000	\$201,399,000	22	1.A.3	2.A.3	23
not updated	1307	Modified Water Deliveries to Everglades National Park	NPS	1990	2005	\$190,890,000	\$160,162,000	21	1.A.3	2.A.4	24
1.A.4.		OTHER RELATED HYDROLOGY PROJECTS						TBD			
	1400	Additional Water Conveyance Structures Under Tamiami Tr	FDOT	1998	2006	\$7,678,000	\$2,912,000		1.A.4		25
	1401	Biscayne Bay Feasibility Stud	USACE/M-DADE	1996	2006	\$6,370,000	\$1,595,000		1.A.4		26
	1402	C&SF: CERP Water Preserve Areas (WPA) Feasibility Stud	USACE/SFWMD	1996	2002	\$19,955,000	\$19,955,000		1.A.4		27
	1403	C&SF: CERP Broward County Secondary Canal Syster	USACE/SFWMD	2001	2009	\$12,898,000	\$250,000		1.A.4		28
	1404	C&SF: CERP C-111N Spreader Cana	USACE/SFWMD	2000	2009	\$94,035,000	\$2,868,000		1.A.4		29
	1405	C&SF: CERP Dade-Broward Levee/Pensucco Wetlands (BE	USACE/SFWMD	2002	2009	\$18,778,000	\$436,000		1.A.4		30
	1406	C&SF: CERP East Coast Canal Structures (C-4)	USACE/SFWMD	1999	2003	\$3,694,000	\$3,694,000		1.A.4		31
	1407	C&SF: CERP Lake Istokpoga Regulation Schedule (OPE	USACE/SFWMD	2002	2003	\$50,000	\$50,000		1.A.4		32
	1408	C&SF: CERP Loxahatchee National Wildlife Refuge Internal Canal Structures	USACE/SFWMD	2003	2007	\$7,669,000	\$140,000		1.A.4		33
	1503	C&SF: CERP North Palm Beach County PIR Part	USACE/SFWMD	2001	2016	*	*		1.B.1	1.A.4	60
	1409	C&SF: CERP Seminole Tribe Big Cypress Water Conservation Pla	USACE & Seminoles	2005	2008	\$30,090,000	\$0		1.A.4		34
	1410	C&SF: CERP Biscayne Bay Coastal Wetland:	USACE/SFWMD	2001	2016	\$299,583,000	\$2,930,000		1.A.4		35
	1411	C&SF: CERP Caloosahatchee R. (C-43) Basin ASR Pilot Project	USACE/SFWMD	2001	2008	\$6,000,000	\$450,000		1.A.4		36
	1412	C&SF: CERP Diverting WCA-2 and WCA-3 Flows to Central Lake Belt Storage Area	USACE/SFWMD	2012	2018	\$76,921,000	\$150,000		1.A.4		37
	1413	C&SF: CERP Everglades Rain Driven Operation	USACE/SFWMD	TBD	TBD	TBD	\$0		1.A.4		38
	1414	C&SF: CERP Henderson Creek/Belle Meade Restoratio	USACE/FDEP	2002	2007	\$4,806,000	\$446,000		1.A.4	1.B.1	39
	1415	C&SF: CERP L-31 N Improvements for Seepage Management and S-356 Structures	USACE/SFWMD	2006	2013	\$184,845,000	\$322,000		1.A.4		40
	1416	C&SF: CERP L-31 N Seepage Management Pilot Project	USACE/SFWMD	2001	2008	\$10,000,000	\$1,830,000		1.A.4		41
	1417	C&SF: CERP Lake Belt (In-Ground Reservoir) Technology - Pilot Project	USACE/SFWMD	2001	2012	\$23,000,000	\$2,717,000		1.A.4		42
	1418	C&SF: CERP Lake Okeechobee Aquifer Storage and Recovery Pilot Project	USACE/SFWMD	2000	2009	\$19,000,000	\$4,638,000		1.A.4		43
	1419	C&SF: CERP Lake Okeechobee Regulation Schedul	USACE/SFWMD	TBD	TBD	TBD	\$0		1.A.4		44
	1420	C&SF: CERP Modified Holeyland Wildlife Management Area Operation Plan	USACE/SFWMD	2005	2008	\$150,000	\$0		1.A.4		45
	1421	C&SF: CERP Modified Rotenberger Wildlife Management Area Operation Plan	USACE/SFWMD	2005	2006	\$150,000	\$0		1.A.4		46
	1422	C&SF: CERP Operational Modification to Southern Portion of L-31N and C-111	USACE/SFWMD	TBD	TBD	TBD	\$0		1.A.4		47
	1423	C&SF: CERP Site 1 Impoundment and Aquifer Storage and Recovery Pilot Project	USACE/SFWMD	2000	2009	\$9,000,000	\$2,307,000		1.A.4		48
	1424	C&SF: CERP Southern Golden Gates Estates Restoratio	USACE/SFWMD	2001	2008	\$45,654,000	\$13,766,000		1.A.4		49
	1425	Critical Projects Seminole Big Cypress Reservation Water Conservation Plan	Seminoles & USACE	1997	2008	\$45,198,000	\$23,081,000		1.A.4		50
	1426	Florida Bay and The Florida Keys Feasibility Stuc	USACE	2001	2006	\$6,299,900	\$3,730,000		1.A.4		51

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	1427	Herbert Hoover Dike Stabilizatio	USACE/SFWMD	2001	2008	\$234,400,000	\$3,070,000		1.A.4		52
completed	1428	Indian River Lagoon Restoration Feasibility Stuc	USACE/SFWMD	1996	2002	\$6,150,000	\$6,150,000		1.A.4		
	1430	Rotenberger Restorator	SFWMD	1994	2002	\$5,029,677	\$3,512,173		1.A.4		53
	1431	Southwest Florida Feasibility Stud	USACE	2001	2005	\$12,000,000	\$5,333,000		1.A.4		54
	1432	WCA-2A Hydropattern Restorator	SFWMD	1994	2006	\$6,002,523	\$5,021,731		1.A.4		55
	1433	West WCA-3A Hydropattern Restoration	SFWMD	1994	2006	\$10,555,987	\$7,014,633		1.A.4		56
Sub-Goal 1.B		GET THE WATER QUALITY RIGHT									
1.B.1.		STORMWATER TREATMENT AREA (STA) PROJECTS						ACRES			
	1104	C&SF: CERP Lake Okeechobee Watersher	USACE/SFWMD	2000	2009	*	*	11,875	1.A.1	1.B.1	5
	1500	C&SF: CERP Big Cypress/L-28 Interceptor Modifications (CCC	USACE/SFWMD	2005	2015	\$42,751,000	\$74,000	1,900	1.B.1		57
	1501	C&SF: CERP C-9 STA and Impoundmen	USACE/SFWMD	2002	2006	\$89,146,000	\$4,000,000	2500	1.B.1		58
	1502	C&SF: CERP Miccosukee Tribe Water Management Pla	USACE & Miccosukee	2000	2008	\$24,459,000	\$312,000	see page 64	1.B.1		59
	1503	C&SF: CERP North Palm Beach County PIR Part	USACE/SFWMD	2001	2014	\$464,994,000	\$3,488,000	1,260	1.B.1	1.A.4	60
	1504	C&SF: CERP- Western C-11 Diversion Impoundment & WCA-3A&B Levee Seepage Managemer	USACE/SFWMD	2002	2008	\$224,544,000	\$1,824,000	1,600	1.B.1		61
	1505	C&SF:CERP Caloosahatchee Backpumping with Stormwater Treatment	USACE/SFWMD	2005	2014	\$82,895,000	\$144,000	5,000	1.B.1		62
	1110	C&SF:CERP Central Lake Belt Storage Are	USACE	2011	2036	*	*	640	1.A.1	1.B.1	13
	1414	C&SF:CERP Henderson Creek/Belle Meade Restoratio	USACE	2000	2005	*	*	10	1.A.4	1.B.1	39
	1506	Critical Projects Lake Okeechobee Water Retention/ Phosphorus Remova	USACE/SFWMD	1997	2004	\$16,948,000	\$9,975,000	940	1.B.1		63
	1507	Miccosukee Tribe Water Management Are:	Miccosukee	TBD	TBD	\$42,113,000	\$0	900	1.B.1		64
	1508	STA-1 West Works and Outflow Pump Station (G-310)	USACE/SFWMD	1994	2002	\$96,751,781	\$76,298,484	6700	1.B.1		65
	1509	STA-2 Works and Outflow Pump Station (G-335)	SFWMD	1994	2004	\$113,398,421	\$97,298,082	6430	1.B.1		66
	1510	STA-3/4 Works	SFWMD	1994	2004	\$218,381,242	\$172,780,625	16600	1.B.1		67
	1511	STA-5 Works	SFWMD	1994	2005	\$47,838,969	\$34,819,065	4118	1.B.1		68
	1512	STA-6 (includes sections 1 and 2)	SFWMD	1994	2006	\$23,352,281	\$10,272,736	2222	1.B.1		69
	1513	West Palm Beach Canal (C-51) and STA-1E	USACE/SFWMD	1994	2004	\$244,574,118	\$209,461,703	5,350	1.B.1		70
1.B.2.		TOTAL MAXIMUM DAILY LOAD (TMDL) PLAN DEVELOPMENT									
	1600	Total Maximum Daily Load (TMDL) for South Florida	FDEP	2000	2011	TBD	\$280,000		1.B.2		71
1.B.3.		OTHER RELATED WATER QUALITY PROJECTS									
	1700	Chapter 298 Districts/Lease 3420 Improvement	SFWMD	1994	2004	\$22,817,145	\$18,347,479		1.B.3		72
	1701	Comprehensive Integrated Water Quality Pla	USACE	2001	2006	\$8,100,000	\$2,673,000		1.B.3		73
	1702	Critical Projects Lake Trafforc	USACE	1999	2005	\$15,408,000	\$7,563,000		1.B.3	2.A.3	74
	1703	Critical Projects Western C-11 Water Quality Treatment	USACE	1997	2004	\$16,512,000	\$14,512,000		1.B.3		75
	1704	Development of Best Management Practices Related to the Land Application of Residuals and Chicken Manure in the Lake Okeechobee Watershec	SFWMD	2000	2006	\$657,000	\$557,000		1.B.3		76
	1705	Everglades National Park Water & Wastewater	NPS	1997	2005	\$16,140,000	\$16,140,000		1.B.3		77
	1706	Everglades Regulation Divisioi	SFWMD	1998	2006	TBD	\$20,080,000		1.B.3		78

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	1707	Florida Aquifer Restorator	NRCS	2002	2008	\$1,203,000	\$33,000		1.B.3		79
completed	1708	Lake Okeechobee Sediment Removal Feasibility Study and Pilot Project	SFWMD	2000	2003	TBD	\$2,009,301		1.B.3		80
	1709	Lake Okeechobee Tributary Sediment Removal Pilot Proje	SFWMD	2000	2004	\$440,000	\$440,000		1.B.3		81
	1710	Miccosukee Water Resources Managemer	Miccosukee	TBD	TBD	25,200,000	0		1.B.3		82
completed	2136	New Palm Dairy Land Acquisitior	SFWMD	2000	TBD	*	*		2.A.1	1.B.3	
	1713	S-5A Basin Runoff Diversion Works	SFWMD	1994	2005	\$14,210,274	\$629,910		1.B.3		83
	1714	Seminole Tribe Best Management Practices for the Big Cypress Reservator	Seminoles	1996	2008	\$4,779,000	\$0		1.B.3		84
	1715	Seminole Tribe Best Management Practices for the Brighton Reservator	Seminoles	1998	2008	\$338,000	\$0		1.B.3		85
	1716	Seminole Tribe Comprehensive Surface Water Management System for the Brighton Reservator	Seminoles	1999	2010	\$15,818,000	\$0		1.B.3		86
	1717	Seminole Tribe Water Conservation Project for Big Cypress Reservator	Seminoles	2002	2012	\$49,000,000	\$0		1.B.3		87
	1718	South Florida Water Quality Protection Program and CERP Numerical Targets and Loading Analyses	FDEP	1999	2003	\$851,510	\$851,510		1.B.3		88
	1719	STA-1 Inflow and Distribution Works	SFWMD	1994	2005	\$11,079,308	\$8,683,642		1.B.3		90
Goal 2.		RESTORE, PRESERVE AND PROTECT NATURAL HABITATS AND SPECIES									
Sub-Goal 2.A.		RESTORE, PRESERVE AND PROTECT NATURAL HABITATS									
2.A.1.		HABITAT PROTECTION LAND ACQUISITION PROJECTS									
		STATE ACQUISITIONS						ACRES			
	2100	Allapattah Flats/Ranch	FDEP	1997	TBD	TBD	\$50,728,918	34,221	2.A.1	1.A.1	91
	2101	Atlantic Ridge Ecosystem	FDEP/SFWMD	1995	TBD	TBD	\$41,897,324	15,032	2.A.1		92
	2102	Babcock Ranch	FDEP	2001	TBD	\$52,527,237	\$0	91,361	2.A.1		93
	2103	Barfield Farms	SFWMD	1998	TBD	TBD	TBD	1,367	2.A.1		94
	2104	Belle Meade	FDEP	1993	TBD	\$47,600,000	\$35,000,000	27,200	2.A.1		95
	2105	Bog Bend Swamp/Holopaw Ranch	FDEP	2000	TBD	TBD	\$0	54,425	2.A.1		96
	2106	Biscayne Coastal Wetlands	SFWMD/M-DADE	1998	TBD	\$2,091,668	\$1,245,168	2,241	2.A.1		97
	2107	Bombing Range Ridge	FDEP	1998	TBD	\$13,674,995	\$0	39,073	2.A.1		98
	2108	Caloosahatchee Ecoscaper	FDEP	1998	TBD	\$19,800,000	\$1,700,000	15,391	2.A.1		99
	2109	Catfish Creek	FDEP	1990	TBD	TBD	\$47,200,000	10,609	2.A.1		100
	2110	Cayo Costa	FDEP	1980	TBD	TBD	\$28,000,000	1,932	2.A.1		101
	2111	Charlotte Harbor Flatwood	FDEP	1986	TBD	TBD	\$56,700,000	54,281	2.A.1		102
	2112	Corkscrew Regional Ecosystem Watershe	FDEP	1991	TBD	TBD	\$26,082,446	58,528	2.A.1		103
	2114	Coupon Bight/ Key Deer Big Pine Ke	FDEP	1985	TBD	TBD	\$19,200,000	3,452	2.A.1		104
	2115	Cypress Creek/Trail Ridge	SFWMD	1997	TBD	TBD	\$0	13,788	2.A.1		105
	2181	Cypress Creek/Loxahatchee	SFWMD	TBD	TBD	TBD	\$36,360,300	4,184	2.A.1		106
	2183	Devils Garder	FDEP	2002	TBD	\$9,400,000	TBD	82,508	2.A.1		107
	2117	East Coast Buffer/Water Preserve Area	FDEP/SFWMD	1994	TBD	TBD	\$310,901,765	66,809	2.A.1		108

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	2118	Estero Bay	FDEP	1985	TBD	TBD	\$13,200,000	16,740	2.A.1		109
	2119	Everglades Agricultural Area (EAA) / Talisman	SFWMD/DOI	1997	TBD	TBD	\$135,334,902	51,210	2.A.1		110
	2120	Fakahatchee Strand	FDEP	1980	TBD	TBD	\$21,800,000	80,332	2.A.1		111
	2121	Fisheating Creek	SFWMD/FDEP	1999	TBD	TBD	\$55,600,000	168,360	2.A.1		112
	2122	Florida Keys Ecosystem	FDEP	1992	TBD	TBD	\$35,900,000	7,611	2.A.1		113
	2123	Frog Pond/L-31 N	FDEP/SFWMD	1994	TBD	TBD	\$83,300,000	10,600	2.A.1		114
	2185	Half Circle L Ranch	FDEP	2003	TBD	TBD	\$0	11,220	2.A.1		115
	2180	Hen Scratch Ranch	SFWMD	2002	TBD	TBD	\$0	2,880	2.A.1		116
	2124	Indian River Lagoon Bluewa	FDEP/SFWMD	1998	TBD	TBD	\$19,800,000	5,136	2.A.1		117
	2125	Juno Hills	FDEP	1994	TBD	TBD	\$15,000,000	440	2.A.1		118
	2126	Kissimmee - St. John Connecto	FDEP	2001	TBD	TBD	\$0	34,668	2.A.1		119
	1305	Kissimmee Prairie	FDEP	1996	1997	*	*	38,282	2.A.1	1.A.3	22
	2127	Kissimmee River (Lower Basin)**	SFWMD	1985	2007	see page 23	see page 23	68,332	2.A.1		120
	2128	Kissimmee River (Upper Basin)**	SFWMD	1990	2007	see page 23	see page 23	36,763	2.A.1		121
	2129	Lake Wales Ridge Ecosystem	FDEP	1992	TBD	\$25,200,000	\$19,100,000	12,770	2.A.1		122
	2130	Lake Walk-In-Water	SFWMD	1995	TBD	TBD	\$3,950,000	4,615	2.A.1		123
	2132	Loxahatchee Slough Land Acquisitio	SFWMD	1996	TBD	TBD	\$22,756,675	15,200	2.A.1		124
	2133	McDaniel Ranch Land Acquisitior	SFWMD	2000	TBD	TBD	TBD	7,000	2.A.1		125
	2134	Miami-Dade County Archipelag	FDEP	1994	TBD	TBD	\$26,000,000	856	2.A.1		126
	2135	Model Lands	SFWMD/M-DADE	1994	2007	TBD	\$8,036,126	42,138	2.A.1		127
	2138	North Fork St Lucie River	FDEP/SFWMD	1988	TBD	TBD	\$3,302,865	3,800	2.A.1		128
	2139	North Key Largo Hammocks	FDEP	1983	TBD	TBD	\$6,700,000	4,508	2.A.1		129
	2140	North Savannas	SFWMD	1997	2002	TBD	TBD	930	2.A.1		130
	2141	Okaloacoochee Slough	FDEP/SFWMD	1996	TBD	TBD	\$20,570,673	37,210	2.A.1		131
	2142	Okeechobee Battlefiel	FDEP	2001	TBD	TBD	\$0	55	2.A.1		132
	2143	Osceola Pine Savanna	FDEP	1995	TBD	TBD	\$310,000	42,291	2.A.1		133
	2144	Pal-Mar	FDEP/SFWMD	1992	TBD	TBD	\$13,600,000	36,745	2.A.1		134
	2145	Panther Glades	FDEP	2001	TBD	TBD	\$35,100,000	30,186	2.A.1		135
	2146	Paradise Run	SFWMD	1998	TBD	TBD	\$4,908,582	4,265	2.A.1		136
	2147	Parker-Poinciane	SFWMD	1996	TBD	TBD	TBD	1,970	2.A.1		137
	2148	Pineland Site Comple	FDEP	1996	TBD	TBD	\$1,100,000	250	2.A.1		138
	2149	Rookery Bay	FDEP	1980	TBD	TBD	\$47,100,000	18,721	2.A.1		139
	2150	Rotenberger/Holey Land Tract	FDEP	1984	TBD	TBD	\$18,200,000	79,170	2.A.1		140
	2151	Shingle Creek	SFWMD	1987	TBD	TBD	\$1,344,400	7,655	2.A.1		141
	2152	Six Mile Cypress I & II Land Acquisitior	SFWMD	1987	TBD	TBD	\$2,098,000	1,741	2.A.1		142
	2154	South Savannas	FDEP/SFWMD	1981	TBD	TBD	\$20,900,000	6,046	2.A.1		143
	2155	Southern Glades	SFWMD/M-DADE	1964	TBD	TBD	\$14,263,115	37,620	2.A.1		144
	2156	Southern Golden Gate Estate	FDEP	1984	TBD	TBD	\$98,000,000	55,247	2.A.1		145
	2158	Twelve Mile Slough	SFWMD	1998	TBD	TBD	TBD	3,300	2.A.1		146
	2159	Upper Lakes Basin Watershec	SFWMD	1995	2002	TBD	\$10,093,957	47,300	2.A.1		147
	2186	Upper Econ Mosaic	FDEP	1996	TBD	TBD	TBD	32,140	2.A.1		148
	2160	Water Conservation Areas 1,2, and 3	SFWMD	1948	TBD	TBD	\$10,473,937	103,635	2.A.1		149
COMPLETED STATE ACQUISITIONS											

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** Consistent with authorizing Big Cypress legislation

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SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE

TABLE 10 PROJECT SUMMARY TABLE

Goals		Project Name	Org.	Start	End	Financial Requirement	Appropriated to Date	Measurable Targets	Primary Objective	Secondary Objectives	Vol. 2 Ref. Pg. #
	2113	Corkscrew Regional Mitigation Ban	SFWMD	1995	1999	TBD	\$2,600,000	633	2.A.1		
	2116	Dupuis Reserve	SFWMD	1985	1986	\$23,016,601	\$23,016,601	21,875	2.A.1		
	2131	Loxahatchee River Land Acquisitio	SFWMD	1984	2001	\$11,927,120	\$11,927,120	1,936	2.A.1		
	2136	New Palm Dairy Land Acquisitor	SFWMD	2000	TBD	\$4,800,000	\$4,800,000	2135	2.A.1	1.B.3	
	2137	Nicodemus Slough	SFWMD	1981	1988	\$1,744,500	\$1,744,500	2,219	2.A.1		
	2153	South Fork St. Lucie River Land Acquisitio	SFWMD	1995	1995	\$2,480,000	\$2,480,000	184	2.A.1		
	2157	Tibet-Butler Preserve	SFWMD	1988	1999	\$3,601,900	\$3,601,900	439	2.A.1		
	2161	Yamato Scrub	FDEP	1992	1996	\$17,500,000	\$17,500,000	207	2.A.1		160
		FEDERAL ACQUISITIONS						ACRES			
	2162	A.R. M. Loxahatchee National Wildlife Refug	USFWS	1955	2005	\$30,119,000	\$129,000	147,016	2.A.1		150
	2163	Big Cypress National Preserve Additio	NPS	1989	2004	TBD	\$46,410,000	146,117	2.A.1		151
	2164	Big Cypress National Preserve Private Inholdings'	NPS	1974	TBD	\$202,470,000	\$180,425,000	845	2.A.1		152
not updated	2165	Complete Land Acquisition for Biscayne National Pa	NPS	1968	2005	TBD	\$31,851,000	172,924	2.A.1		153
	2166	Crocodile Lake National Wildlife Refug	USFWS	1979	2005	\$19,319,000	\$13,319,000	7,100	2.A.1		154
	2167	East Everglades Addition to Everglades National Pa	NPS	1990	2004	\$106,650,000	\$113,149,000	109,504	2.A.1		155
	2168	Florida Keys National Wildlife Refuge Comple	USFWS	1960	2005	\$63,232,000	\$30,232,000	415,436	2.A.1		156
	2169	Florida Panther National Wildlife Refuge	USFWS	1989	TBD	\$160,233,000	\$10,233,000	370,000	2.A.1		157
	2170	Hobe Sound National Wildlife Refug	USFWS	1968	2004	\$5,818,000	\$18,000	1,130	2.A.1		158
	2171	J.N. "Ding" Darling National Wildlife Refuge	USFWS	1945	2005	\$31,252,000	\$17,252,000	8,360	2.A.1		159
2.A.2.		CORAL REEF PROTECTION PROJECTS									
	2200	NOAA South Florida Program	NOAA	1997	TBD	TBD	\$21,000,000		2.A.2		160
2.A.3		IMPROVE NATURAL AREAS HABITAT QUALITY PROJECTS						ACRES			
		Note – The April 1999 USACE Central and Southern Florida Project Comprehensive Review Study Final Integrated Feasibility Report and Programmatic Environmental Impact Statement included an extensive environmental evaluation of habitat units that would be improved through implementation of the CERP projects. Table 7-18 in this publication identifies in detail which projects are anticipated to achieve this objective. However, appropriate measures by project are currently being developed through the establishment of interim goals. There are some projects included in our tracking matrix that exemplify how this objective will be achieved.									
	2300	C&SF: CERP Protect and Enhance Existing Wetland Systems along LNWR (Strazzulla Tract)	USACE/SFWMD	2002	2008	\$52,772,000	\$492,000	10,000	2.A.3		161
	2301	C&SF: CERP Winsburg Farms Wetland Restorator	USACE	2000	2006	\$14,140,000	\$2,710,000	175	2.A.3		162
	2302	C&SF:CERP Lake Park Restorator	USACE/Lee Co.	1999	2006	\$5,166,000	\$509,000	40	2.A.3		163
	2303	C&SF:CERP Restoration of pineland and hardwood hammocks in C-111 Basin	USACE	2000	2007	\$600,000	\$0	50	2.A.3		164
	3802	C&SF:CERP Wastewater Reuse Technology Pilot Project	USACE/SFWMD	2001	2013	*	*		3.C.2	2.A.3	204
	1301	C&SF: CERP WCA -3 Decompartmentalization and Sheetflow Enhancement (AA)(QQ)(SS)	USACE/SFWMD	2001	2015	*	*		1.A.3	2.A.3	18
	1111	Critical Ecosystems Restoration Projects - Ten Mile Cree	USACE/SFWMD	1997	2003	*	*	2,740	1.A.1	2.A.3	14
	1702	Critical Projects Lake Trafford	USACE	1999	2004	*	*		1.B.3	2.A.3	74
	2606	Hole-in-the-Donu	NPS	1994	2017	*	*		2.B.4	2.A.3	178
	1306	Kissimmee River Restoration Project	USACE/SFWMD	1994	2010	*	*	27,000	1.A.3	2.A.3	23
2.A.4.		OTHER NATURAL HABITAT AND SPECIES PROJECTS						TBD			

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** Consistent with authorizing Big Cypress legislation

***See Kissimmee River Restoration Project

SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE

TABLE 10 PROJECT SUMMARY TABLE

Goals		Project Name	Org.	Start	End	Financial Requirement	Appropriated to Date	Measurable Targets	Primary Objective	Secondary Objectives	Vol. 2 Ref. Pg. #
	2400	Big Cypress National Preserve Mineral Right	NPS	2000	TBD	TBD	\$0		2.A.4		165
	2401	C&SF: CERP- Flow to Northwest and Central WCA -3A (II)(RR	USACE/SFWMD	2001	2011	\$30,877,000	\$824,000		2.A.4		166
	1307	Modified Water Deliveries to Everglades National Pa	NPS	1990	2005	*	*		1.A.3	2.A.4	24
	2402	South Florida Multi-Species Recovery Pla	USFWS	1994	2010	\$386,983,000	\$103,773,000		2.A.4		167
	2403	WCA-2A Regulation Schedule Review	USACE	TBD	TBD	TBD	\$0		2.A.4		169
Sub-Goal 2.B.		CONTROL INVASIVE PLANT AND ANIMAL SPECIES									
		INVASIVE EXOTIC PLANT SPECIES MANAGEMENT PLAN DEVELOPMENT						Completed Plans			
2.B.1											
	2500	Coordinate the development of management plans for top 20 south Florida exotic pest plants	NEWTT	2001	2011	\$600,000	\$0	20	2.B.1		170
2.B.2.		EXOTIC PLANT SPECIES MAINTENANCE CONTROL PROJECTS									
	2600	Achieve "Maintenance Control" status for Brazilian Pepper, Melaleuca, Australian pine and Old world climbing fern in all natural areas statewide by 2021	SFWMD/DEP/USFWS	2002	2020	\$139,078,000	\$70,740,000	4	2.B.2		171
	2601	Integration of Federal, State, and Local Agency Invasive Exotic Control Programs into Florida-wide Strategy	FDEP	2000	2005	TBD	\$327,670,000		2.B.2		172
	2602	C&SF:CERP- Melaleuca Eradication Project and other Exotic Plan	USACE	2003	2011	\$5,772,000	\$100,000		2.B.2		173
	2603	Estero Bay Aquatic Preserve and Buffer Reserve Enhancement and Exotic Removal Project	FDEP	1998	2004	TBD	\$1,100,000		2.B.2		174
	2604	Everglades National Park: Exotic Vegetation Management Program (EVMP)	NPS	1999	TBD	\$2,762,114	\$1,607,000		2.B.2		175
	2605	Exotic Species Removal	Seminoles	1998	2010	\$988,000	\$90,000		2.B.2		177
	2606	Hole-in-the-Donut	NPS	1994	2017	\$75,000,000	\$26,937,000		2.B.2	2.A.3	178
	2607	Melaleuca Control (Critical) Big Cypress National Preserve	NPS	1998	TBD	\$1,400,000	\$1,300,000		2.B.2		179
	2608	Aquatic and Upland Invasive Plant Management	FDEP	TBD	TBD	TBD	\$41,193,482		2.B.2		180
2.B.3.		INVASIVE EXOTIC PLANT SPECIES PREVENTION PLAN DEVELOPMENT									
	2700	Complete an Invasive Exotics Plant Prevention, Early Detection and Eradication Plan by 2005	NEWTT/DEP/NPS	2001	2004	\$5,000,000	\$0		2.B.3		181
	2701	Melaleuca Quarantine Facility	USDA/ARS	1997	2003	\$6,725,000	\$6,725,000		2.B.3		182
GOAL 3.		FOSTER COMPATIBILITY OF THE BUILT AND NATURAL SYSTEM									
Sub-Goal 3.A.		USE AND MANAGE LAND COMPATIBLE WITH RESTORATION									
3.A.1		FLORIDA GREENWAYS AND TRAILS SYSTEM PROJECTS						Acres			
	3100	Florida Greenways and Trails Designation Project	FDEP/OGT	2000	TBD	\$36,000,000	\$13,500,000	686,610	3.A.1		183
	3101	Florida Greenways and Trails Land Acquisition Project	FDEP/OGT	2000	2009	\$4,500,000 annually	\$15,277,000	TBD	3.A.1		184
	3102	Lake Okeechobee Scenic Trail State Park	FDEP	2003	TBD	\$24,000,000	\$6,250,000	TBD	3.A.1		186

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SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE

TABLE 10 PROJECT SUMMARY TABLE

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3.A.2		AGRICULTURE LANDS CONSERVATION MANAGEMENT PROJECTS						Acres			
	3200	Agriculture Land Stewardship	NRCS/FDACS	2004	2016	\$5,200,000	\$0	96,000	3.A.2		187
	3201	Technical Assistance to Seminole and Miccosukee Indian Reservations	NRCS	1998	2009	\$2,928,526	\$600,000	107,000	3.A.2		188
3.A.3		FLORIDA PARK, RECREATION AND OPEN SPACE LANDS PROJECTS						Acres			
not updated	3300	Florida Communities Trust Grant Program	FDCA/FACT	2000	TBD	see project sheet	\$60,500,000	1,000	3.A.3		
	3301	Florida Keys Overseas Heritage Trail	FDEP	TBD	TBD	TBD	\$6,195,182				189
3.A.4		BROWNFIELDS REHABILITATION AND REDEVELOPMENT PROJECTS									
	3400	Eastward Ho! Brownfields Partnership	SFRPC	1998	2010	TBD	\$61,431,000		3.A.4		194
3.A.5		INCREASE COMMUNITY UNDERSTANDING OF RESTORATION PROJECTS									
	3500	USDA-NRCS/South Florida Ecosystem Restoration Council & Committee Earth Team Project	USDA	2002	TBD	\$750,000	\$0		3.A.5		195
Sub-Goal 3.B		FLOOD PROTECTION COMPATIBLE WITH ECOSYSTEM RESTORATION									
3.B.1		FLOOD PROTECTION COMPATIBLE WITH ECOSYSTEM RESTORATION PROJECTS									
	3600	C-4 Flood Mitigation Project	SFWMD	2001	2004	\$44,500,000	\$30,800,000		3.B.1		196
	1300	C&SF: CERP Canal 111	USACE/SFWMD	1994	2005	*	*		1.A.3	3.B.1	17
Sub-Goal 3.C		PROVIDE SUFFICIENT WATER RESOURCES FOR BUILT AND NATURAL SYSTEMS									
3.C.1		WATER RESOURCE DEVELOPMENT PROJECTS						MGD			
	3700	Kissimmee Basin Water Supply Plan	SFWMD	2002	2006	\$2,105,000	\$695,000	62	3.C.1		198
	3701	Lower East Coast Regional Water Supply Plan	SFWMD	2003	2007	\$28,465,000	\$5,113,000	145.1	3.C.1		199
	3702	Lower West Coast Water Supply Plan	SFWMD	2003	2007	\$4,472,000	\$546,000	151	3.C.1		200
	3703	Upper East Coast Water Supply Plan	SFWMD	2003	2007	\$762,000	\$132,000	41	3.C.1		201
3.C.2		INCREASE VOLUME OF WATER RESOURCE PROJECTS						MGD			
	3800	C&SF:CERP-South Miami-Dade County Reuse	USACE/M-DADE	2011	2020	\$363,024,000	\$0	131	3.C.2		202
	3801	C&SF:CERP-West Miami-Dade County Reuse	USACE/M-DADE	2011	2020	\$437,237,000	\$0	100	3.C.2		203
	3802	C&SF:CERP Wastewater Reuse Technology Pilot Project	USACE/SFWMD	2001	2013	\$30,000,000	\$1,351,000		3.C.2	2.A.3	204
	3803	Lower West Coast Regional Irrigation Distribution System Master Plan Study	SFWMD	2003	2007	\$1,500,000	\$0		3.C.2		205
	3804	Northern Palm Beach County and Southern Martin County Reclaimed Water Master Plan	SFWMD	2002	2002	Included in Project #3701			3.C.2		206
	3805	Orlando/Kissimmee Area Regional Reclaimed Water Optimization Plan	SFWMD	2002	2005	Included in Project #3700			3.C.2		207
	2301	C&SF: CERP Winsburg Farms Wetland Restoration	PBCo.	1999	2003	*	*		2.A.3	3.C.2	162

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SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE

TABLE 10

PROJECT SUMMARY TABLE

Goals		Project Name	Org.	Start	End	Financial Requirement	Appropriated to Date	Measurable Targets	Primary Objective	Secondary Objectives	Vol. 2 Ref. Pg. #
3.C.3		ALTERNATIVE WATER SUPPLY PROJECTS						MGD			
	3900	Alternative Water Supply Grant	SFWMD	1996	TBD	TBD	\$40,556,000	50	3.C.3		208
3.C.4		IRRIGATION WATER CONSUMPTION REDUCTION PROJECTS						ACRE-FT			
3.C.5		OTHER BUILT AND NATURAL SYSTEM COMPATIBILITY PROJECTS									
	4100	Keys Carrying Capacity Study	FDCA/USACE	1997	2003	\$6,000,000	\$6,000,000		3.C.5		209
	4101	BMPs for Agriculture	NRCS	1997	2011	\$77,584,000	\$25,219,000		3.C.5		210
	4102	Monitoring of Organic Soils in the Everglade	NRCS	1998	2012	\$1,236,000	\$236,000		3.C.5		211
	4103	Soil Survey Update for the Everglades Agricultural Area	NRCS	2002	2005	\$1,500,000	\$0		3.C.5		212
	4104	Soil Survey for Everglades National Park, Big Cypress National Preserve and Water Conservation Areas	NRCS	2004	2009	\$5,600,000	\$0		3.C.5		213

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DATA SHEET PROFILE

Project Name: C&SF: CERP – Acme Basin B Discharge (OPE)
Project ID: 1100
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: 1.A.1

Measurable Output(s): 3,800 ac-ft storage capacity and STA

Project Synopsis: This feature includes the construction of a wetland or chemical treatment area and a storage reservoir with a combined total storage capacity of 3,800 ac-ft located adjacent to the Loxahatchee National Wildlife Refuge in Palm Beach County. The initial design for the treatment area and reservoir assumed 310 acres with the water level fluctuating up to 4 feet above grade, and 620 acres with water levels fluctuating up to 8 feet above grade. The final size, depth, and configuration of these facilities will be determined through more detailed planning and design. The purpose of this feature is to provide water quality treatment and stormwater attenuation for runoff from Acme Basin “B” prior to discharge to the Loxahatchee National Wildlife Refuge or alternative locations. Excess available water may be used to meet water supply demands in central and southern Palm Beach County.

Cost:

Total	\$20,100,000
Project Development	\$797,000
Land Acquisition (estimated 930 acres)	\$8,500,000
Implementation	\$10,803,000
 Operations and maintenance	 \$594,000

Project Schedule:

Start Date: 2002
 Finish Date: 2008

	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	Total
USACE	121	500	500	500	2,810	2,809	2,810	\$10,050
SFWMD	121	500	500	500	2,809	2,810	2,810	\$10,050
Total	242	1,000	1,000	1,000	5,619	5,619	5,620	\$20,100

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_38.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP – Indian River Lagoon South - C-23/C-24/C-25/Northfork and Southfork Storage Reservoirs (UU) and C-44 Basin Storage Reservoir (B)
Project ID: 1101
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: 1.A.1

Measurable Output(s): reservoir storage, natural storage, structures, improved hydrology, water quality treatment, muck removal, habitat restoration, water supply

Project Synopsis: The C-23/C-24/C-25 North Fork and South Fork Storage Reservoirs and the C-44 Basin Storage Reservoir are components of the Indian River Lagoon – South project. Overall, the project, as detailed in the Final Feasibility Study (August 2002), includes building and operating approximately 12,000 acres of new inland reservoirs, approximately 9,000 acres of new stormwater treatment areas, restoring hydrology on about 90,000 acres of lands in the watershed, and improving freshwater flows to 3,100 acres of floodplain wetlands in the North Fork of the St. Lucie River. The plan also includes building pumps, levees, canals, and other structures to operate and interconnect project features and provide a mechanism for re-directing freshwater discharges to the north fork of the St. Lucie River; and muck removal and habitat restoration actions inside the estuaries. These features would significantly reduce harmful discharges into the receiving waters, provide water quality treatment, provide water storage in the natural system, and provide an additional source of agricultural water supply, while maintaining current Central and Southern Florida Project purposes.

Cost:

Total	\$995,935,000
Project Development	\$57,094,650
Land Acquisition (estimated 116,054 acres)	\$516,024,000
Implementation	\$422,816,350
 Operations and maintenance	 \$5,592,727

Project Schedule:

Start Date: 2002
Finish Date: 2012

C23 & C24	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Planning & Design										
Real Estate										
Construction										

C25, North & South	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Planning & Design											
Real Estate											
Construction											

DATA SHEET PROFILE

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
<i>C-44 Basin</i>										
Planning & Design										
Real Estate										
Construction										

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009-2012 Balance to Complete	Total
Federal	0	500	8,000	8,000	8,000	10,000	15,000	448,268	497,968
SFWMD	0	500	8,000	8,000	8,000	10,000	15,000	448,467	497,967
Total	0	1,000	16,000	16,000	16,000	20,000	30,000	896,935	\$995,935

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_07.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Everglades Agricultural Storage Reservoirs Phase I (G P1)
Project ID: 1102
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A-1

Measurable Output(s): 240,000 ac-ft surface storage

Project Synopsis: This feature includes above-ground reservoir(s) with a total storage capacity of approximately 360,000 acre-feet located in the Everglades Agricultural Area in western Palm Beach County and conveyance capacity increases for the Miami, North New River, and Bolles and Cross Canals. The initial design for the reservoir(s) assumed 60,000 acres, divided into three, equally sized compartments (1, 2, and 3), with the water level fluctuating up to 6 feet above grade in each compartment. The final size, depth and configuration of this facility will be determined through more detailed planning and design. The purpose of this feature is to improve the timing of environmental deliveries to the Water Conservation Areas and improve flood control in the Everglades Agricultural Area.

Cost:

Total	\$233,408,000
Project Development	\$16,035,000
Land Acquisition	\$0
Implementation	\$217,373,000
 Operations and maintenance	 \$7,229,205

Project Schedule:

Start Date: 2001
 Finish Date: 2009

	2001	2002	2003	2004	2005	2006	2007	2008	2009
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009	Total
USACE	3,592	3,491	4,478	25,143	20,000	20,000	20,000	20,000	\$116,704
SFWMD	3,592	3,491	4,478	25,143	20,000	20,000	20,000	20,000	\$116,704
Total	7,184	6,982	8,956	50,286	40,000	40,000	40,000	40,000	\$233,408

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_08.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Everglades Agricultural Storage Reservoirs Phase II (G P2)
Project ID: 1103
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: 1.A.1

Measurable Output(s): 120,000 ac-ft surface storage

Project Synopsis: This feature includes above-ground reservoir(s) with a total storage capacity of approximately 360,000 acre-feet located in the Everglades Agricultural Area in western Palm Beach County and conveyance capacity increases for the Miami, North New River, and Bolles and Cross Canals. The initial design for the reservoir(s) assumed 60,000 acres, divided into three, equally sized compartments (1, 2, and 3), with the water level fluctuating up to 6 feet above grade in each compartment. The final size, depth and configuration of this facility will be determined through more detailed planning and design.

Cost:

Total	\$203,240,000
Project Development	\$8,018,000
Land Acquisition (estimated 17,500 acres)	\$86,536,000
Implementation	\$108,686,000
Operations and maintenance	\$7,229,205

Project Schedule:

Start Date: 2004
 Finish Date: 2014

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Planning & Design											
Real Estate											
Construction											

Detailed Project Budget Information (\$1000)

	Thru 2002*	2004	2005	2006	2007	2008	2009-2014 Balance to complete	Total
USACE	178	573	572	573	11,390	11,389	76,945	\$101,620
SFWMD	178	572	573	572	11,389	11,390	76,946	\$101,620
Total	356	1,145	1,145	1,145	22,779	22,779	153,891	\$203,240

*programmatic costs

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_09.cfm

DATA SHEET PROFILE

Project Name: Lake Okeechobee Watershed
Project ID: 1104
Lead Agency: USACE/SFWMD
Authority: WRDA 1996, WRDA 2000, WRDA 2004 (scheduled)

Strategic Plan Goal(s) Addressed: **Primary:** 1.A.1 **Secondary:** 1.B.1 2.A.3

Measurable Output(s): 17,500 acres of reservoir and 2,500 acres of STA (200,000 ac-ft/storage)
5,000 acres of reservoir and 5,000 acres of STA (50,000/20,000 ac-ft)
4,375 acres reservoir-assisted STA
Restoration of 3,500 acres of wetlands
Removal of 150 tons of phosphorous from 10 miles of primary canals

Project Synopsis: The Lake Okeechobee Watershed Project consists of four separable components: North of Lake Okeechobee Storage Reservoir, Taylor Creek/Nubbin Slough Storage and Treatment Area; Lake Okeechobee Watershed Water Quality Treatment Facilities; and Lake Okeechobee Tributary Sediment Dredging. These components were combined for an opportunity to generate a more efficient design of the components and address the interdependencies and tradeoffs between the components.

- a) **North of Lake Okeechobee Storage Reservoir** - This feature includes an above-ground reservoir and a 2,500-acre stormwater treatment area. The total storage capacity of the reservoir is approximately 200,000 acre-feet and is located in the Kissimmee River Region, north of Lake Okeechobee. The specific location of this facility has not been identified, however, it is anticipated that the facility will be located in Glades, Highlands, or Okeechobee Counties. The initial design of this feature assumed a 20,000-acre facility (17,500-acre reservoir and 2,500-acre treatment area) with water levels in the reservoir fluctuating up to 11.5 feet above grade. The final size, depth and configuration of this facility will be determined through more detailed planning, land suitability analyses, and design. Future detailed planning and design activities will also include an evaluation of degraded water bodies within the watersheds of the storage/treatment facility to determine appropriate pollution load reduction targets, and other water quality restoration targets for the watershed.
- b) **Taylor Creek/Nubbin Slough Storage and Treatment Area** - This feature includes an above-ground reservoir with a total storage capacity of approximately 50,000 acre-feet and a stormwater treatment area with a capacity of approximately 20,000 acre-feet in the Taylor Creek/Nubbin Slough Basin. The initial design of this feature assumed a reservoir of 5,000 acres with water levels fluctuating up to 10 feet above grade and a stormwater treatment facility of approximately 5,000 acres. The final size, depth and configuration of this feature will be determined through more detailed planning, land suitability analysis and design.
- c) **Lake Okeechobee Watershed Water Quality Treatment Facilities** - This feature includes two reservoir-assisted stormwater treatment areas and plugging of select local drainage ditches. The initial design of these reservoir-assisted stormwater treatment areas assumes a 1,775-acre facility in the S-154 Basin in Okeechobee County and a 2,600-acre facility in the S-65D sub-basin of the Kissimmee River Basin in Highlands and Okeechobee Counties. The plugged drainage ditches will result in restoration of approximately 3,500 acres of wetlands throughout the Lake Okeechobee watershed basin. This feature is also consistent with the recommendations of the South Florida Ecosystem Restoration Working Group's Lake Okeechobee Issue Team for achieving water quality restoration objectives in the Lake and should provide significant long-term water quality benefits for the Lake.
- d) **Lake Okeechobee Tributary Sediment Dredging** - This feature includes the dredging of sediments from 10 miles of primary canals within an 8-basin area in the northern watershed of Lake Okeechobee. The initial design assumes that the dredged material will contain approximately 150 tons of phosphorus.

Cost:

Total:	\$455,828,000
Project Development:	\$15,186,000
Land Acquisition:	\$234,768,000
Implementation:	\$205,874,000
Operations and maintenance:	\$6,281,245

DATA SHEET PROFILE

Project Schedule:

Start Date: 2001

Finish Date: 2013

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Planning & Design														
Real Estate														
Construction														
Monitoring														

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	Balance to complete	Total
Lake Okeechobee Watershed Project							
USACE							
SFWMD							
North of Lake Okeechobee Storage Reservoir							
USACE							
SFWMD							
Taylor Creek/Nubbin Slough Storage and Treatment Area							
USACE							
SFWMD							
Lake Okeechobee Watershed Water Quality Treatment Facility							
USACE							
SFWMD							
Lake Okeechobee Tributary Sediment Dredging							
USACE							
SFWMD							
Total	1,619	2,954	2,904	66,282	65,228	316,841	\$455,828

Note: The Corps is not currently tracking this project by components.

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_01.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - North Lake Belt Storage Area (Phase I & II) (XX)
Project ID: 1105
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.1

Measurable Output(s): 90,000 ac-ft. reservoir

Project Synopsis: This feature includes canals, pumps, water control structures, and an in-ground storage reservoir with a total capacity of approximately 90,000 acre-feet located in Miami-Dade County. The initial design of the reservoir assumed 4,500 acres with the water level fluctuating from ground level to 20 feet below grade. A subterranean seepage barrier will be constructed around the perimeter to enable draw down during dry periods, to prevent seepage losses, and to prevent water quality impact due to the high transmissivity of the Biscayne Aquifer in the area. The reservoir will be located within an area proposed for rock mining. A pilot test of this component will be conducted prior to final design to determine construction technologies, storage efficiencies, impacts upon local hydrology, and water quality effects. The water quality assessment will include a determination as to whether the in-ground reservoir with perimeter seepage barrier will allow storage of untreated runoff without concerns of groundwater contamination.

Cost:		<u>Phase I</u>	<u>Phase II</u>
Total	\$500,346,000	\$250,173,000	\$250,173,000
Project Development	\$10,474,000	\$5,237,000	\$5,237,000
Land Acquisition (estimated 5,861 acres)	\$154,868,000	\$77,434,000	\$77,434,000
Implementation	\$335,004,000	\$167,502,000	\$167,502,000
Operations and maintenance	\$1,241,234		

Project Schedule:

Start Date: 2011
 Finish Date: 2036

Phase I	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Planning & Design													
Real Estate													
Construction													

Phase II	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning & Design												
Real Estate												
Construction												

Detailed Project Budget Information (\$1000)

	Thru 2002*	2011	2012	2013	2014	2015	2016	2017-2036 Balance to complete	Total
USACE	451	327	327	327	13,233	13,232	13,233	209,043	\$250,173
SFWMD	451	327	327	327	13,232	13,233	13,232	209,044	\$250,173
Total	902	654	654	654	26,465	26,465	26,465	418,087	\$500,346

*programmatic costs

Hyperlink: www.evergladesplan.org/pm/projects/proj_25.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Palm Beach Co. Agricultural Reserve Reservoir & Aquifer Storage & Recovery (VV)
Project ID: 1106
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A-1 **Secondary:** 1.A-2

Measurable Output(s): 20,000 ac-ft. reservoir
 0.075 bgd of ASR wells

Project Synopsis: This feature includes an above-ground reservoir with a total storage capacity of approximately 20,000 acre-feet located in the western portion of the Palm Beach County Agricultural Reserve. Aquifer storage and recovery wells with a capacity of 75 million gallons per day and associated pre- and post- water quality treatment located adjacent to the reservoir will also be a part of this feature. The initial design for the reservoir assumed 1,660 acres with water levels fluctuating up to 12 feet above grade. The final size, depth and configuration of these facilities will be determined through more detailed planning and design. The initial design of the wells assumed 15 well clusters, each with a capacity of 5 million gallons per day as well as chlorination for pre-treatment and aeration for post-treatment. The source of water to be injected is surficial ground water adjacent to the reservoir. The level and extent of treatment and number of the aquifer storage and recovery wells may be modified based on findings from a proposed aquifer storage and recovery.

Cost:

Total	\$121,359,000
Project Development	\$1,825,000
Land Acquisition (estimated 1,660 acres)	\$57,657,000
Implementation	\$61,877,000
 Operations and maintenance	 \$1,019,500

Project Schedule:

Start Date: 2005
 Finish Date: 2019

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Planning & Design															
Real Estate															
Construction															

Detailed Project Budget Information (\$1000)

	thru 2002*	2005	2006	2007	2008	2009	2010	2011	2012-2019 Balance to complete	Total
USACE	108	83	83	83	5,849	5,848	5,849	5,848	36,928	\$60,679
SFWMD	108	83	83	83	5,848	5,849	5,848	5,849	36,929	\$60,680
Total	216	166	166	166	11,697	11,697	11,697	11,697	73,857	\$121,359

*programmatic costs

Hyperlink: www.evergladesplan.org/pm/projects/proj_20.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Site 1 Impoundment and Aquifer Storage and Recovery (M)
Project ID: 1107
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary:1.A.1

Secondary:1.A.2

Measurable Output(s): 15,000 ac-ft. reservoir; 150 mgd of ASR wells

Project Synopsis: This feature includes an above-ground reservoir with a total storage capacity of approximately 15,000 acre-feet located in the Hillsboro Canal Basin in southern Palm Beach County. A series of aquifer storage and recovery wells with a total capacity of approximately 150 million gallons per day and associated pre- and post-water quality treatment will also be a part of this feature located adjacent to the reservoir or along the Hillsboro Canal. The initial design of the reservoir assumed 2,460 acres with water levels fluctuating up to 6 feet above grade. The final size, depth and configuration of these facilities was determined through more detailed planning and design completed as a part of the Draft Water Preserve Areas Feasibility Study. The initial design of the aquifer storage and recovery facility assumed 30 well clusters, each with a capacity of 5 million gallons per day with chlorination for pre-treatment and aeration for post-treatment.

Cost:		<u>Phase I</u>	<u>Phase II</u>
Total	\$131,379,000	\$38,535,000	\$92,844,000
Project Development	\$8,024,000	\$1,027,000	\$6,997,000
Land Acquisition (estimated 1,658 acres)	\$8,420,000	\$8,420,000	\$0
Implementation	\$99,768,000	\$13,921,000	\$85,847,000
RE Adjustment	\$15,167,000		
Operations and maintenance	\$2,052,608		

Project Schedule:

Start Date: 2002
 Finish Date: 2017

Phase I	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Phase II	2009	2010	2011	2012	2013	2014	2015	2016	2017
Planning & Design									
Real Estate N/A									
Construction									

Detailed Project Budget Information (\$1000)

Phase I	2002	2003	2004	2005	2006	2007	2008	Total
USACE	134	1,000	1,000	4,690	4,148	4,148	4,148	\$19,268
SFWMD	134	6,108	4,855	4,690	1,160	1,160	1,160	\$19,267
Total	268	7,108	5,855	9,380	5,308	5,308	5,308	\$38,535

Phase II	Thru 2002*	2009	2010	2011	2012	2013	2014	2015-2017 Balance to Complete	Total
USACE	81	583	583	583	583	583	11,314	32,112	\$46,422
SFWMD	81	583	583	583	583	583	11,313	32,113	\$46,422
Total	162	1,166	1,166	1,166	1,166	1,166	22,627	64,225	\$92,844

*programmatic costs

Hyperlink: www.evergladesplan.org/pm/projects/proj_40.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP – Bird Drive Recharge Area (U)
Project ID: 1108
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.1

Measurable Output(s): 11,500 ac-ft. storage; pumps, water control structures, and canals

Project Synopsis:

This feature includes pumps, water control structures, canals, and an aboveground recharge area with a total storage capacity of approximately 11,500 acre-feet located in Miami-Dade County. The initial design of the recharge feature assumed 2,877 acres with the water level fluctuating up to 4 feet above grade. Final design will seek to enhance and maintain the continued viability of wetlands within the basin. The size, depth and configuration of these facilities were determined through more detailed planning and design completed as a part of the draft Water Preserve Areas Feasibility Study and will address appropriate pollution load reduction targets necessary to protect downstream receiving surface waters.

Cost:

Total	\$124,083,000
Project Development	\$3,603,000
Land Acquisition (estimated 10,000 acres)	\$71,625,000
Implementation	\$48,855,000
 Operations and maintenance	 \$1,470,869

Project Schedule:

Start Date: 2003
 Finish Date: 2011

	2003	2004	2005	2006	2007	2008	2009	2010	2011
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Thru 2002*	2003	2004	2005	2006	2007	2008-2011 Balance to complete	Total
USACE	108	300	300	300	300	300	60,434	\$62,042
SFWMD	108	300	300	300	300	300	60,433	\$62,041
Total	216	600	600	600	600	600	120,867	\$124,083

*programmatic costs

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_43.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - C-43 Basin Storage Reservoir and ASR (D)
Project ID: 1109
Lead Agency: USACE / SFWMD
Authority: WRDA 2000 (scheduled)

Strategic Plan Goal(s) Addressed: Primary: 1.A.1

Secondary: 1.A.2

Measurable Output(s): 160,000 ac-ft storage
 .220 bgd (44 ASR wells)

Project Synopsis: This feature includes above-ground reservoir(s) with a total storage capacity of approximately 160,000 acre-feet and aquifer storage and recovery wells with a capacity of approximately 0.220 billion gallons per day and associated pre- and post-water quality treatment located in the C-43 Basin in Hendry, Glades, or Lee Counties. The initial design of the reservoir(s) assumed 20,000 acres with water levels fluctuating up to 8 feet above grade. The final size, depth and configuration of this facility will be determined through more detailed planning and design. The initial design of the wells assumed 44 wells, each with the capacity of 5 million gallons per day with chlorination for pre-treatment and aeration for post-treatment. The level and extent of treatment and number of the aquifer storage and recovery wells may be modified based on findings from an authorized aquifer storage and recovery pilot project.

Cost:

Total	\$440,195,000
Project Development	\$21,543,000
Land Acquisition (estimated 20,000 acres)	\$132,621,000
Implementation	\$286,031,000
Operations and maintenance	\$6,707,889

Project Schedule:

Start Date: 2001
 Finish Date: 2018

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Planning & Design																		
Real Estate																		
Construction																		

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009-2018 Balance to complete	Total
USACE	2,688	750	2,000	2,000	2,000	10,000	19,500	181,159	\$220,097
SFWMD	2,688	750	2,000	2,000	2,000	10,000	19,500	181,160	\$220,098
Total	5,376	1,500	4,000	4,000	4,000	20,000	39,000	362,319	\$440,195

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_04.cfm
http://www.evergladesplan.org/pm/projects/proj_05.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Central Lake Belt Storage Area (S)
Project ID: 1110
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.1

Secondary: 1.B.1

Measurable Output(s): 190,000 ac-ft. storage, 640 acres STA

Project Synopsis: This feature includes pumps, water control structures, a stormwater treatment area, and a combination above-ground and in-ground storage reservoir with a total storage capacity of approximately 190,000 acre-feet located in Miami-Dade County. The initial design of the reservoir assumed 5,200 acres with the water level fluctuating from 16 feet above grade to 20 feet below grade. A subterranean seepage barrier will be constructed around the perimeter to enable drawdown during dry periods and to prevent seepage losses. A pilot test of this technology will be conducted prior to final design of this component to determine construction technologies, storage efficiencies, impacts upon local hydrology, and water quality effects. Since this facility is to be located within the protection area of Miami-Dade County's Northwest Wellfield, the pilot test will also be designed to identify and address potential impacts to the County's wellfield which may occur during construction and/or operation. The stormwater treatment area was assumed to be 640 acres with the water level fluctuating up to 4 feet above grade.

Cost:	<u>Phase I</u>	<u>Phase II</u>
Total	\$466,725,000	\$346,793,000
\$119,932,000		
Project Development	\$10,872,000	\$8,154,000
\$2,718,000		
Land Acquisition (estimated 5,770 acres)	\$100,359,000	\$75,269,000
\$25,090,000		
Implementation	\$355,494,000	\$263,370,000
\$92,124,000		
Operations and maintenance	\$1,964,519	

Project Schedule:

Start Date: 2014

Finish Date: 2036

Phase I	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Planning & Design										
Real Estate										
Construction										

Phase II	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Planning & Design												
Real Estate												
Construction												

Detailed Project Budget Information (\$1,000)

	Thru 2002*	2011	2012	2013	2014	2015	2016	2017	2018-2036 Balance to complete	Total
USACE	422	509	510	509	13,055	13,054	13,055	510	191,739	\$233,363
SFWMD	422	510	509	510	13,054	13,055	13,054	509	191,739	\$233,362
Total	844	1,019	1,019	1,019	26,109	26,109	26,109	1019	383,478	\$466,725

*programmatic costs

DATA SHEET PROFILE

Project Name: Critical Projects – Ten Mile Creek
Project ID: 1111
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 1.A.1 Secondary: 2.A.3

Measurable Output(s): Water preserve area and polishing cell, 2,740 acres enhanced by project, 5000 acre feet of storage provided on 550 acres of land.

Project Synopsis: This project consists of the acquisition of approximately 1,559 acres of land in the eastern portion of the Ten Mile Creek Basin and the construction of an above-ground impoundment for stormwater detention purposes on this property. It also includes construction of a pump station and several control structures for circulation and discharge within the project. A constructed wetland or flow-through marsh has been added for additional water quality improvement purposes. The construction of a water preserve area and polishing cell will attenuate flows and improve water quality discharge into St. Lucie Estuary. Design is underway.

Cost:

Total	\$29,946,000
Project Development	\$2,500,000
Land Acquisition	\$4,500,000
Implementation	\$22,946,00
Operations and maintenance	

Project Schedule:

Start Date:	1997
Finish Date:	2003

	1997	1998	1999	2000	2001	2002	2003	2004	2005
Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	Total
USACE	2,805	4,056	7,112	1,000	\$14,973
SFWMD	5,945	3,009	5,019	1,000	\$14,973
Total	8,750	7,065	12,131	2,000	\$29,946

Hyperlink: <http://www.saj.usace.army.mil/projects/lprproj11.htm>

DATA SHEET PROFILE

Project Name: C&SF: CERP - C-51 Regional Groundwater Aquifer Storage and Recovery (LL)
Project ID: 1200
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.2

Measurable Output(s): 0.17 Billion Gallons per Day

Project Synopsis: This feature includes a series of aquifer storage and recovery wells with a capacity of 0.17 billion gallons per day as well associated pre- and post- water quality treatment to be constructed along the C-51 Canal in Palm Beach County. The initial design of the wells assumed 34 well clusters, each with a capacity of 5 million gallons per day with chlorination for pre-treatment and aeration for post-treatment. The level and extent of treatment and number of the aquifer storage and recovery wells may be modified based on findings from a proposed aquifer storage and recovery pilot project.

Cost:

Total	\$127,291,000
Project Development	\$3,363,000
Land Acquisition (estimated 34 acres)	\$9,945,000
Implementation	\$113,983,000
Operations and maintenance	\$1,496,000

Project Schedule:

Start Date: 2012
 Finish Date: 2020

	2012	2013	2014	2015	2016	2017	2018	2019	2020
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Thru 2002*	2012	2013	2014	2015	2016	2017	2018	2019	2020	2018-2020 Balance to complete	Total
USACE	164	240	240	240	1,483	1,483	1,483	10,982			47,330	\$63,645
SFWMD	164	240	240	240	1,483	1,483	1,483	10,982			47,331	\$63,646
Total	328	480	480	480	2,966	2,966	2,966	21,964			94,661	\$127,291

*programmatic costs

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_18.cfm

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_26.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lake Okeechobee Aquifer Storage and Recovery (GG)
Project ID: 1201
Lead Agency: USACE / SFWMD
Authority: Not authorized.

Strategic Plan Goal(s) Addressed: Primary: 1.A.2

Measurable Output(s): 1 bgd in 200 ASR wells

Project Synopsis: This feature includes a series of aquifer storage and recovery wells adjacent to Lake Okeechobee with a capacity of 1-billion gallons per day and associated pre- and post- water quality treatment in Glades and Okeechobee Counties. The initial design assumes 200 wells, each with the capacity of 5 million gallons per day with 8-ultrafiltration water quality pre-treatment facilities and aeration for post-treatment. Based on information for existing aquifer storage and recovery facilities, it is assumed that recovery of aquifer-stored water would have no adverse effects on water quality conditions in Lake Okeechobee. In fact, some level of nutrient load reduction may occur as a result of aquifer storage, which would be a long-term benefit to in-lake water quality conditions. The level and extent of treatment and number of the aquifer storage and recovery wells may be modified based on findings from a proposed aquifer storage and recovery pilot project (U.S. Environmental Protection Agency, 1999). The pilot project would also investigate changes to water chemistry resulting from aquifer storage and identify post-retrieval water quality treatment requirements, if any, necessary to implement aquifer storage and recovery facilities. The Implementation Plan (Section 10) includes pilot studies to investigate the proposed facilities, including water quality changes associated with aquifer storage and recovery.

Cost:

Total	\$1,097,312,000
Project Development	\$76,174,000
Land Acquisition (estimated 300 acres)	\$7,515,000
Implementation	\$1,013,623,000

Operations and maintenance

Project Schedule:

Start Date: 2009
 Finish Date: 2026

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Planning & Design																		
Real Estate																		
Construction																		

Detailed Project Budget Information (\$1000)

	Thru 2002*	2009	2010	2011	2012	2013	2014	2015	2016-2026 Balance to Complete	Total
Federal	959	2,539	2,539	2,539	2,539	2,880	2,881	2,880	528,900	\$548,656
SFWMD	959	2,539	2,539	2,539	2,539	2,881	2,880	2,881	528,899	\$548,656
Total	1,918	5,078	5,078	5,078	5,078	5,761	5,761	5,761	1,057,799	\$1,097,312

* programmatic costs

DATA SHEET PROFILE

Project Name: Canal C-111
Project ID: 1300
Lead Agency: USACE / SFWMD
Authority: FCA 1962 and WRDA 1996

Strategic Plan Goal(s) Addressed: 1.A.3

Measurable Output(s): Canals, levees, 5 pump stations, and replacement of an existing bridge

Project Synopsis: The goal of the C-111 Project modifications is restoration of the Taylor Slough and eastern panhandle of Everglades National Park, while maintaining flood protection within the C-111 basin east of L-31N and C-111. The project plan consists of both structural and nonstructural modifications to the existing project works within the C-111 basin. Structural components of the plan include: construction or modification of nine canals, construction of an L-31 Tieback levee and S-332D tieback levee, removal of existing spoil material along the south side lower C-111, construction of five pump stations, and replacement of an existing bridge over Taylor Slough in ENP. The project requires the acquisition of lands in the Frog Pond; the Rocky Glades Agricultural Area (L-31N lands); and additional lands in the Southern Glades. These modifications will widen the areal extent of water distribution capability, thereby restoring more natural hydrology in 128 square miles of the Taylor Slough and its headwaters in the Rocky Glades.

The goal of this project is to restore more natural timing, distribution, and quantity of freshwater flows to Taylor Slough and the wetlands in the panhandle of ENP. Restoring the natural hydroperiods will help restore and maintain natural vegetation communities in these regions of ENP. The detention/retention area will also contribute to improving the water quality of waters delivered to ENP.

Cost:

Total	\$268,200,000
Project Development	\$48,098,000
Land Acquisition	\$116,452,000
Implementation	\$103,650,000

Project Schedule:

Start Date:	1994
Finish Date:	2008

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Planning & Design											
Real Estate											
Construction											

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	Total
USACE	70,223	2,943	5,400	15,278	18,278	15,278	6,700	\$134,100
SFWMD	49,172	2,943	16,397	16,397	16,397	16,397	16,397	\$134,100
Total	119,395	5,886	21,797	31,675	34,675	31,675	23,097	\$268,200

Hyperlink: <http://www.saj.usace.army.mil/>

DATA SHEET PROFILE

Project Name: C&SF:CERP – Water Conservation Area 3 Decompartmentalization and Sheetflow Enhancement (AA)(QQ)(SS)
Project ID: 1301 (Phase I and II)
Lead Agency: USACE / SFWMD
Authority: WRDA 2000, future WRDA

Strategic Plan Goal(s) Addressed: Primary: 1.A.3

Secondary: 2.A.3

Measurable Output(s): 240 miles modification or removal of levees, canals & water control structures

Project Synopsis: These features include the construction of new water control structures and the modification or removal of levees, canals, and water control structures in Water Conservation Area 3A and B located in western Broward County. Sheetflow obstructions will be removed with the backfilling of the Miami Canal and southern 7.5 miles of L-67A Borrow Canal, removal of the L-68A, L-67C, L-29, L-28, and L-28 Tieback Levees and Borrow Canals, and elevating of Tamiami Trail. Water supply deliveries to Miami-Dade County, previously made through the Miami Canal, will be rerouted through an expanded North New River Canal and southern conveyance system. Eight passive weir structures to be located along the entire length of L-67A will also promote sheetflow from Water Conservation Area 3A and 3B during high flow conditions.

Cost:		<u>Phase I</u>	<u>Phase II</u>
Total	\$211,687,000	\$106,030,000	\$105,657,000
Project Development	\$12,737,000	\$7,338,000	\$5,399,000
Land Acquisition (estimated 255 acres)	\$26,279,000	\$26,279,000	\$0
Implementation	\$172,671,000	\$72,413,000	\$100,258,000
Operations and maintenance	\$740,111		

Project Schedule:

Start Date: 2001

Finish Date: 2015

Phase I	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Planning & Design										
Real Estate										
Construction										
Phase II	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Planning & Design										
Real Estate										
Construction										

Detailed Project Budget Information (\$1000)

Phase I	Thru 2002	2003	2004	2005	2006	2007	2008	2009-2010 Balance to complete	Total
USACE	374	1,000	4,991	4,991	7,853	7,241	7,241	19,324	\$53,015
SFWMD	374	1,000	4,991	4,991	7,853	7,241	7,241	19,324	\$53,015
Total	748	2,000	9,982	9,982	15,706	14,482	14,482	38,648	\$106,030

Phase II	Thru 2002*	2006	2007	2008	2009	2010	2011	2012	2013-2015 Balance to complete	Total
USACE	94	385	386	385	386	385	10,411	10,411	29,985	\$52,828
SFWMD	94	386	385	386	385	386	10,411	10,411	29,985	\$52,829
Total	188	771	771	771	771	771	20,822	20,822	59,970	\$105,657

*programmatic costs

DATA SHEET PROFILE

Project Name: C&SF: CERP - Florida Keys Tidal Restoration (OPE)
Project ID: 1302
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.3

Measurable Output(s): Bridges and culverts

Project Synopsis: This project will restore historic flow ways between the Atlantic Ocean and the Gulf of Mexico which were blocked during the construction of Highway US 1. An existing tidal creek restoration project in the vicinity of the proposed restoration project was fully successful. Four tidal creeks in the vicinity of Marathon, Florida have been selected for restoration. Culverts will be located and sized to maximize flow and placed under US 1 to allow tidal exchange and flushing. Sites of the three flow ways to be restored are: Tarpon Creek, Fat Deer Key (MM54), unnamed flow way between Fat Deer Key and Long Point Key (MM56), and unnamed creek at Little Crawl Key (MM57). Monitoring of water quality, benthic community composition, and sediment particle size will be performed before construction and 0.5 and 1 year after construction. Additional tidal flow way restoration projects will be identified in the future based upon results of these three initial restoration projects.

Cost:

Total	\$3,874,600
Project Development	\$2,705,600
Land Acquisition (estimated 5 acres)	\$51,000
Implementation	\$1,118,000

Project Schedule:

Start Date: 2001
 Finish Date: 2006

	2001	2002	2003	2004	2005	2006
Planning & Design						
Real Estate						
Construction						

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	Total
USACE	495	250	500	345	347	\$1,937
SFWMD	495	250	500	345	347	\$1,937
Total	990	500	1,000	690	694	\$3,874

Hyperlink: www.evergladesplan.org/pm/projects/proj_31.cfm

Hyperlink: www.evergladesplan.org/pm/projects/proj_12.cfm

DATA SHEET PROFILE

Project Name: Critical Projects - Southern CREW
Project ID: 1303
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: 1.A.3

Measurable Output(s): structural modifications

Project Synopsis: Removal of canal and road berms, house pads and ditches will allow historic sheetflow to be re-established.

Cost:

Total	\$12,435,000
Project Development	\$537,000
Implementation	\$11,898,000

Project Schedule:

Start Date:	1999
Finish Date:	2005

	1999	2000	2001	2002	2003	2004	2005
Design							
Construction							

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	Total
USACE	253	1,656	1,523	2,616	\$6,048
SFWMD	6,049	0	0	0	\$6,049
Total	6,302	1,656	1,523	2,617	\$12,097

Hyperlink: <http://pillar.saj.usace.army.mil/projects/proj9.htm>

DATA SHEET PROFILE

Project Name: East WCA-3A Hydropattern Restoration
Project ID: 1304
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Improve the volume, timing and distribution of water entering the Everglades

Project Synopsis: The existing L-5 levees and borrow canal will be modified to result in a sheet flow approximation along the northerly perimeter of WCA-3A adjacent to STA 3/4. This modification will extend from the North New River Canal westerly to the west line of STA 3/4, a total distance of approximately 48,000 feet. The East WCA-3A Hydropattern Restoration plan component includes, but is not limited to, the following physical works: removal of existing North and South Levee L-5 all along the southerly perimeter of STA 3/4, enlargement of the L-5 Borrow Canal for increased conveyance to the North New River Canal.

*** Cost (Estimate):**
 Total: \$ 5,040,571
 (1) Project Development: \$ 313,967
 Land Acquisition: \$ -
 (2) Implementation: \$ 4,726,604
 Operations and Maintenance: \$ -

Project Schedule:

Expected Completion Date: September 2003

	FY 1994- FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

* Detailed Project Budget Information

	Actual FY 94-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$4,558,427	\$482,144	-	-	-	-	-	\$5,040,571
Tribal								
Local								
Other								
Total	\$4,558,427	\$482,144	-	-	-	-	-	\$5,040,571

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (1) Project Development includes Design Phase [contracts & staff costs] costs.
 (2) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Kissimmee Prairie Ecosystem
Project ID: 1305
Lead Agency: Florida Department of Environmental Protection/South Florida Water Management District
Authority: CARL/Save Our Rivers

Strategic Plan Goal(s) Addressed: 1, and 2, Getting the Water Right
 Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Acres Acquired

Project Synopsis: This project involves acquisition and restoration of wetland and dry prairie habitat in Okeechobee County. The SFWMD and FDEP purchased 38,282 acres of land in 1997 for conservation as the Kissimmee Prairie State Preserve. Restoration has been initiated on the Preserve as well as the adjacent 7,315-acre Ordway-Whittell Kissimmee Prairie Sanctuary owned and managed by the National Audubon Society. The project will restore 13,100 acres of wetlands that were over drained or over impounded by agricultural activities. In addition, the project will enhance another 2,625 acres of wetlands and 9,500 acres of associated dry prairie habitat. Restoration will be accomplished by removing 39.3 miles of ditches and dikes to return sheet flow across the land. Enhancement will include removal of unwanted or invasive vegetation from wetland and dry prairie habitats.

The purpose of the land acquisition project is to preserve the unique wetland and dry prairie habitats that were in agriculture and cattle land use and, using a five-year federal grant, restore and enhance these lands. Approximately 5,000 acres of the project hydraulically linked with the Kissimmee River will be reconnected, thereby restoring wetland habitat to regain historical biological diversity. The remaining 40,000 acres of the project in the project area contain extensive wetland habitats and excellent examples of the dry-prairie community type, which is recognized by the Florida Natural Areas Inventory as endangered at state and global levels. Because of the conversion of similar lands to citrus and improved pasture throughout central Florida, the Kissimmee Prairie Ecosystem, in combination with the adjacent Air Force's Avon Park Bombing Range and Audubon's Kissimmee Prairie Sanctuary, will form the largest region of dry prairie in public ownership in the State. Its preservation is the most important step in the recovery of the federally endangered Florida grasshopper sparrow. The endangered whooping crane, Everglades snail kite, and the woodstork utilize the habitats of the project area. Protection of these lands will also provide habitat for the following threatened species: southern bald eagle, Audubon's caracara, Florida scrub jay, and the eastern indigo snake. In addition, the project area contains habitat that supports over 800 species of plants and animals.

Cost: Total: Project size 38,282 acres. 38,282 acres have been acquired at a cost of \$22.1 million

Project Development
 Land Acquisition: Project completed
 Implementation
 Operations and Maintenance

Project Schedule:

Start Date: 1996
 Finish Date: 1997

Detailed Project Budget Information (1000s)

	Through 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$22,100						0	\$22,100
Tribal								
Local								
Other								
Total	\$22,100						0	\$22,100

DATA SHEET PROFILE

Project Name: Kissimmee River, Florida
Project ID: 1306
Lead Agency: USACE / SFWMD
Authority: WRDA 1986,1988, 1992

Strategic Plan Goal(s) Addressed: Primary: 1.A.3

Secondary: 2.A.3

Measurable Output(s): 27,000 acres of floodplain wetlands, 43 miles of contiguous river channel, 40 square miles of the river/floodplain ecosystem; Lower Basin Land Acquisition (SFWMD 62,628 acres), Upper Basin Land Acquisition (SFWMD 33,919 acres).

Project Synopsis: The project includes 3,000 square miles stretching from Orlando to Lake Okeechobee in central Florida and involves the ecosystem restoration of the historic floodplain to reestablish wetland conditions through modifications to the operation of the lakes, modification of Structure 65, enlargement of canals 36 and 37, backfilling of 22 miles of C-38, excavation of about 9 miles of new river channel, removal of two water control structures and locks, and land acquisition. The project will restore the ecological integrity of the historical Kissimmee River/floodplain ecosystem by recreating approximately 40 square miles of the river/floodplain ecosystem, including 43 miles of contiguous river channel and 27,000 acres of floodplain wetlands.

Cost:

Total	\$578,000,000
Project Development	\$70,255,000
Land Acquisition	\$180,056,000
Implementation	\$327,689,000

Project Schedule:

Start Date:	1994
Finish Date:	2010

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Design																	
Real Estate																	
Construction																	

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006-2010 Balance to complete	Total
USACE	83,132	23,727	20,329	20,329	141,483	\$289,000
SFWMD	70,813	23,727	20,329	20,329	153,802	\$289,000
Total	153,945	47,454	40,658	40,658	295,285	\$578,000

Hyperlink: <http://www.saj.usace.army.mil/dp/Kissimmee/Kissimmee2.html>

DATA SHEET PROFILE

Project Name: Modified Water Deliveries to Everglades National Park
Project ID: 1307
Lead Agency: National Park Service
Authority: Everglades National Park Protection and Expansion Act of 1989 (Public Law 101-229)

Strategic Plan Goal(s) Addressed: **Primary:** 1.A.4 **Secondary:** 2.A.4

Measurable Output(s): 21 miles of modification of flow impediments; acres of habitat restored

Project Synopsis: This project is funded from the Construction Account managed by the National Park Service and the Department of the Interior. The authorized project consists of structural features with the intended purpose of restoring more natural hydrological conditions in Water Conservation Area (WCA) 3 and Shark River Slough within Everglades National Park. Hydrological improvements are crucial to restoring ecosystem productivity in the southern Everglades and maintaining adequate freshwater inflow to the downstream estuaries along the Gulf of Mexico and Florida Bay.

This project involves construction of modifications to the Central and Southern Florida (C&SF) Project water management system and related operational changes to provide improved water deliveries to Everglades National Park (ENP). The project includes water control structures to restore more natural hydrologic conditions within ENP. The Corps of Engineers 1992 General Design Memorandum (GDM) project design for the Modified Water Deliveries (MWD) Project consists of structural features with the intended purpose of restoring conveyance between water conservation areas north of ENP and the Shark River Slough within the park. It will also provide flood mitigation to the 8.5 Square Mile Area, a residential area adjacent to the park expansion boundary in East Everglades. For management purposes, the project is described in four categories: 8.5 Square Mile Area, Conveyance and Seepage Control, Tamiami Trail and Other (ENP requirements, Experimental Program, Cape Sable seaside sparrow emergency, and Osceola Camp). Since the completion of the 1992 GDM, investigations associated with the Comprehensive Everglades Restoration Plan (CERP) resulted in the identification of revised ecosystem restoration requirements. This, in turn, has resulted in the identification of potential design problems associated with the original 1992 project features.

This project is being implemented in conjunction with acquisition of 109,504 acres in the East Everglades as part of the Everglades National Park expansion. Acquisition of land within the East Everglades Addition is necessary to limit further losses suffered by the park due to habitat destruction outside former boundaries and to restore natural water flow patterns that are critical to the ecological integrity and long-term viability of park resources.

Based on a judgment entered in the federal court in Florida, the USACE has stopped work on the Alternative 6D part of the project. However, the USACE is working to resolve issues raised by this concern.

Cost: Total \$190,890,000

Project Schedule:

Start Date: 1990
 Finish Date: 2005

	1997	1998	1999	2000	2001	2002	2003	2004	2005
Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1,000)

	Thru 2001	2002	2003	2004	2005	Balance to complete	Total
Federal	124,963	35,199	13,295	16,990	443	0	\$190.890
Total	124,963	35,199	13,295	16,990	443	0	\$190.890

Hyperlink: <http://www.evergladesplan.org>

Point of Contact: Walter Chavez (305) 242-7700

THIS PROJECT SHEET WAS NOT UPDATED

DATA SHEET PROFILE

Project Name: Critical Projects – Additional Water Conveyance Structures Under Tamiami Trail
Project ID: 1400
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s):

Project Synopsis: Improvement in the natural sheetflow of surface water within the watersheds of the Ten Thousand Islands National Wildlife Refuge & Aquatic Preserve, Southern Golden Gate Estates, Fakahatchee Strand State Preserve, Big Cypress National Preserve and Everglades National Park. By creating a more diffuse flowway beneath the Tamiami Trail, a more natural hydropattern will be established north and south of this highway. Improvement of the natural hydrology will also enhance biological restoration of the region. This project will directly support objectives for several other south Florida projects such as the Levee 28 modification and restoration of Southern Golden Gate Estates.

This Project consists of two phases. The Phase I involves planning, project design and construction of 62 culverts under US 41 and 15 under Loop Road between SR 92 and Collier / Miami-Dade County line. The Phase II involves resurfacing of the roadway of the Tamiami Trail pursuant to construction of the culverts.

Cost:

Total:	\$7,678,000
Project Development	\$1,212,000
Implementation	\$6,466,000

Project Schedule:

Start Date:	1998
Finish Date:	2006

	2002	2003	2004	2005	2006
Design					
Construction					

Detailed Project Budget Information (\$1,000)

	Thru 2002	2003	2004	2005	2006	Total
USACE	2,287	200	451	451	450	3,839
SFWMD	225	200	1,138	1,138	1,138	3,839
Total	2,512	400	1,589	1,589	1,588	\$7,678

Hyperlink: <http://pillar.saj.usace.army.mil/projects/proj2.htm>

DATA SHEET PROFILE

Project Name: Biscayne Bay Feasibility Study
Project ID: 1401
Lead Agency: USACE / Miami-Dade County
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s): Report

Project Synopsis: Biscayne Bay is a shallow, well-mixed estuary located along the southeastern coast of Florida. It includes most of Biscayne National Park and adjacent lands provide fresh surface or groundwater to Biscayne Bay. The Central and Southern Florida (C&SF) Project is believed to have changed the timing, distribution and amount of freshwater reaching the bay. This impacts the natural salinity patterns and ecology of that bay. The C&SF Project is undergoing review to determine if modifications are warranted to restore freshwater flows to the Everglades and Florida Bay. Proposed modifications to this hydrologically-connected system may impact Biscayne Bay. This study allows resource managers to assess those impacts and determine if further studies of Biscayne Bay are needed.

Cost:

Total	\$6,370,000
Project Development	\$6,370,000

Project Schedule:

Start Date	1996
Finish Date	2006

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Planning & Design											
Real Estate											
Construction											

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	Total
USACE	1152	0	100	1084	1084	\$3,420
Miami Dade Co.	443	0	551	978	978	\$2,950
Total	1595	0	651	2062	2062	\$6,370

DATA SHEET PROFILE

Project Name: C&SF: Water Preserve Areas (WPA) Feasibility Study
Project ID: 1402
Lead Agency: USACE / SFWMD
Authority: WRDA 1992, WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s): Reports

Project Synopsis: The Water Preserve Areas (WPA) Feasibility Study initiated in August 1995 was authorized by WRDA 1992. The purpose of the WPA Feasibility Study is to further develop the components, in the recommended Comprehensive Plan identified as water preserve area components. The WPA Feasibility Study will bridge the gap between the conceptual design contained in the Comprehensive Plan and the detailed design necessary to proceed to construction. The concept of the water preserve areas originated from the South Florida Water Management District's East Coast Buffer concept. The East Coast Buffer concept recommended a series of marshes, reservoirs and ground water recharge areas along the east side of the Water Conservation Areas (WCAs). The reconnaissance phase of the C&SF Project Restudy clearly demonstrated that this concept would be an integral part of the overall Restudy effort. The system benefits associated with this concept include: reduced impacts of over-drainage and development on the remaining Everglades, reduced levee seepage from the Everglades, increased ground water recharge, capture of stormwater discharged to tide, improved water quality, and enhanced wetland areas east of the conservation areas. This analysis will further develop the modifications and/or operational changes needed for improving the quality of the environment through ecosystem restoration.

NOTE: DRAFT WPA FEASIBILITY STUDY COMPLETE AND CONVERTED INTO SEPARATE PROJECT IMPLEMENTATION REPORTS.

Cost:

Total Study Costs	\$19,955,000
Project Development	\$19,955,000

Project Schedule:

Start Date:	1996
Finish Date:	2002

	1999	2000	2001	2002
Planning & Design				
Real Estate				
Construction				

Detailed Project Budget Information (\$1000)

	Thru 2002	Total
USACE	9,977	\$9,977
SFWMD	9,978	\$9,978
Total	19,955	\$19,955

Hyperlink: <http://www.evergladesplan.org/pm/studies/wpa.cfm>

DATA SHEET PROFILE

Project Name: C&SF: CERP - Broward County Secondary Canal System (CC)
Project ID: 1403
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary:1.A.4

Measurable Output(s): Water control structures; pumps; canal improvements

Project Synopsis: This project includes a series of water control structures, pumps, and canal improvements located in the C-9, C-12 and C-13 Canal Basins and east basin of the North New River Canal in central and southern Broward County. The purpose of this project is to reduce water discharges by recharging local wellfields and stabilizing the saltwater interface. Excess water in the basins will be pumped into the coastal canal systems to maintain canal stages at optimum levels. When basin water is not sufficient to maintain canal stages, the canals will be maintained from other construction projects such as the (Site 1) Impoundment and the North Lake Belt Storage Area and then from Lake Okeechobee and the Water Conservation Areas.

Cost:

Total	\$12,898,000
Project Development	\$754,000
Land Acquisition (estimated 2,45 acres)	\$1,920,000
Implementation	\$10,224,000
 Operations and maintenance	 \$418,017

Project Schedule:

Start Date: 2001
 Finish Date: 2009

	2001	2002	2003	2004	2005	2006	2007	2008	2009
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009	Total
USACE	125	0	0	504	1,783	1,479	1,278	1,280	\$6,449
SFWMD	125	0	0	504	1,782	1,480	1,278	1,280	\$6,449
Total	250	0	0	1,008	3,565	2,959	2,556	2,560	\$12,898

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_24.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - C-111N Spreader Canal (WW)
Project ID: 1404
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary:1.A.4

Measurable Output(s): levees, canals, pumps, water control structures, and a STA

Project Synopsis: This feature includes levees, canals, pumps, water control structures, and a stormwater treatment area to be constructed, modified or removed in the Model Lands and Southern Glades (C-111 Basin) area of Miami-Dade County. This feature enhances the C-111 Project design for the C-111N Spreader Canal with the construction of a stormwater treatment area, the enlarging of pump station S-332E and the extension of the canal under U.S. Highway 1 and Card Sound Road into the Model Lands. The initial design of this feature pumps water from the C-111 and the C-111E Canals into a stormwater treatment area prior to discharging to Southern Everglades and Model Lands. This features also calls for filling in the southern reach of the C-111 Canal and removal of structures S-18C and S-197. The final size, depth, location and configuration of this feature will be determined through more detailed planning and design.

Cost:

Total	\$94,035,000
Project Development	\$3,317,000
Land Acquisition (estimated 12,415 acres)	\$45,766,000
Implementation	\$44,952,000
 Operations and maintenance	 \$59,586

Project Schedule:

Start Date: 2000
 Finish Date: 2009

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Planning & Design										
Real Estate										
Construction										

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008-2009 Balance to complete	Total
USACE	934	500	3,542	3,542	9,157	8,922	20,421	\$47,018
SFWMD	934	500	3,542	3,542	9,157	8,922	20,420	\$47,017
Total	1,868	1,000	7,084	7,084	18,314	17,844	40,841	\$94,035

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_29.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP – Dade-Broward Levee/ Pennsuco Wetlands (BB)
Project ID: 1405
Lead Agency: USACE / SFWMD
Authority: WRDA 1996, 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s): water control structures; levee modifications

Project Synopsis: This feature includes water control structures and modifications to the Dade-Broward Levee and associated conveyance system located in Miami-Dade County. The size and configuration of these facilities were determined through more detailed planning and design completed as a part of the draft Water Preserve Areas Feasibility Study. The purpose of this feature is to reduce seepage losses to the east from the Pennsuco Wetlands and southern Water Conservation Area 3B, enhance hydroperiods in the Pennsuco Wetlands, and provide recharge to Miami-Dade County's Northwest Wellfield.

Cost:

Total	\$18,778,000
Project Development	\$693,000
Land Acquisition (est. 10,000 ac)	\$8,676,000
Implementation	\$9,409,000
Operations and maintenance	\$105,871

Project Schedule:

Start Date: 2002
 Finish Date: 2009

	2002	2003	2004	2005	2006	2007	2008	2009
Planning & Design								
Real Estate								
Construction								

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007-2009 Balance to complete	Total
USACE	118	100	250	250	250	8,421	\$9,389
SFWMD	118	100	250	250	250	8,421	\$9,389
Total	236	200	500	500	500	16,842	\$18,778

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_49.cfm

DATA SHEET PROFILE

Project Name: Critical Projects – East Coast Canal Structures (C-4)
Project ID: 1406
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary:1.A.4

Measurable Output(s): Water control structures

Project Synopsis: This project calls for the construction of a gated water control structure (S-380) on the C-4 canal in Dade County, Florida. This structure will be located immediately southeast of the Pennsuco Wetlands. The purpose of the structure is to maintain stages to create and preserve wetlands as well as aquifer recharge. The construction for this project is complete.

Cost:

Total \$3,694,000
Project Development
Land Acquisition (est. 2 ac)
Implementation

Operations and Maintenance

Project Schedule:

Start Date: 1999
Finish Date: 2003

	1999	2000	2001	2002	2003
Planning & Design					
Real Estate					
Construction					

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	Total
USACE	1,979	-132	\$1,847
SFWMD	1,597	250	\$1,847
Total	3,576	118	\$3,694

Hyperlink: <http://www.saj.usace.army.mil/projects/proj1.htm>

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lake Istokpoga Regulation Schedule (OPE)
Project ID: 1407
Lead Agency: USACE / SFWMD
Authority: Not authorized.

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Balance fish and wildlife benefits with long term management

Project Synopsis: This feature includes development of a plan to address water resource problems in the Lake Istokpoga Basin. Lake Istokpoga is a natural lake located in Highlands County, a tributary of Lake Okeechobee and the Kissimmee River. The major focus of this plan is to create a balance between the environmental needs, water supply and flood control in the Lake Istokpoga drainage basin, to examine Lake Istokpoga Basin with a view towards enhancing fish and wildlife benefits, and to develop a long-term comprehensive management plan. In August 2003, the project was combined with the Lake Okeechobee Watershed project.

Cost:

Total	\$50,000
Project Development	\$50,000
Land Acquisition (estimated 320 acres)	\$0
Implementation	

Operations and Maintenance

Project Schedule:

Start Date:	2002
Finish Date:	2003

	2002	2003
Planning & Design		
Real Estate		
Construction		

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	Total
USACE	44	3	47
SFWMD	0	3	3
Total	44	6	\$50

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_02.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Loxahatchee National Wildlife Refuge Internal Canal Structures (KK)
Project ID: 1408
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s): Water control structure

Project Synopsis: This feature includes two water control structures in the northern ends of the perimeter canals encircling the Loxahatchee National Wildlife Refuge (Water Conservation Area 1) located in Palm Beach County. The purpose of this feature is to improve the timing and location of water depths within the Refuge. It is assumed that these structures will remain closed except to pass Stormwater Treatment Area 1 East and Stormwater Treatment Area 1 West outflows and water supply deliveries to the coastal canals.

Cost:

Total	\$7,669,000
Project Development	\$503,000
Land Acquisition (estimated 5 acres)	\$345,000
Implementation	\$6,821,000
Operations and maintenance	\$42,045

Project Schedule:

Start Date: 2003
 Finish Date: 2007

	2003	2004	2005	2006	2007
Planning & Design					
Real Estate					
Construction					

Detailed Project Budget Information (\$1000)

	Thru 2002*	2003	2004	2005	2006	2007	Total
USACE	7	63	149	149	1,762	1,705	\$3,835
SFWMD	7	63	149	149	1,761	1,705	\$3,834
Total	14	126	298	298	3,523	3,410	\$7,669

*programmatic costs

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_14.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP – Seminole Tribe Big Cypress Water Conservation Plan (East) (OPE)
Project Name: 1409
Lead Agency: USACE / Seminole Tribe
Authority: Not authorized.

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Construction of conveyance systems, major canal bypass structures, irrigation storage cells, and water resource areas

Project Synopsis: This feature includes construction of water control, management and treatment facilities in the Big Cypress Reservation. The construction elements include conveyance systems, major canal bypass structures, irrigation storage cells, and water resource areas. The purpose of this feature is to improve the quality of water and runoff from phosphorous generating agricultural sources within the Reservation. The area is traversed by the L-28 and L-28I Borrow Canals and the North and West Feeder Canals, all of which were constructed as part of the Central & South Florida Project. This comprehensive watershed management system is designed to achieve environmental restoration on the Reservation, the Big Cypress Preserve, and the Everglades Protection Area. In addition, the project will reduce flood damage and promote water conservation. This is the second component of the overall plan with the first component being completed under the Critical Projects Program.

Cost:

Total	\$30,090,000
Project Development	
Land Acquisition (estimated 3,800 acres)	
Implementation	

Operations and maintenance

Project Schedule:

Start Date:	2005
Finish Date:	2008

	2005	2006	2007	2008
Planning & Design				
Real Estate				
Construction				

Detailed Project Budget Information (\$1000)

	2005	2006	2007	2008	Balance to complete	Total
USACE	250	250	250	250	14,045	\$15,045
Tribe	250	250	250	250	14,045	\$15,045
Total	500	500	500	500	28,090	\$30,090

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_96.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Biscayne Bay Coastal Wetlands (FFF)(OPE)
Project ID: 1410
Lead Agency: USACE / SFWMD
Authority: Not authorized.

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): pump stations, spreader swales, stormwater treatment areas, flowways, levees, culverts, and backfilling canals

Project Synopsis: The feature includes pump stations, spreader swales, stormwater treatment areas, flowways, levees, culverts, and backfilling canals located in southeast Miami-Dade County and covers 13,600 acres from the Deering Estate at C-100C, south to the Florida Power and Light Turkey Point power plant, generally along L-31E.

Cost:

Total	\$299,583,000
Project Development	\$6,452,000
Land Acquisition (estimated 13,950 acres)	\$205,655,000
Implementation	\$87,476,000
Operations and maintenance	\$923,300

Project Schedule:

Start Date: 2001
 Finish Date: 2016

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Planning & Design																
Real Estate																
Construction																

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009-2016 Balance to Complete	Total
USACE	584	881	500	500	500	500	500	145,827	\$149,792
SFWMD	584	881	500	500	500	500	500	145,826	\$149,791
Total	1,168	1,762	1,000	1,000	1,000	1,000	1,000	291,653	\$299,583

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_28.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Caloosahatchee R. (C-43) Basin Aquifer Storage & Recovery – Pilot Project (D)
Project ID: 1411
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: Goal 1.A.4

Measurable Output(s): Report

Project Synopsis: The Caloosahatchee River Basin ASR Pilot Project consists of the assessment of the hydrogeological characteristics of the Hawthorn and Floridan aquifers and water quality in the vicinity of the C-43 Basin Storage Reservoir. Suitable sites and optimal configurations of wells will be determined during this project. The quality of the source water to be recharged also will be assessed as part of this project.

Cost:

Total	\$6,000,000
Project Development	\$500,000
Land Acquisition (0 acres)	\$0
Implementation	\$5,000,000
Monitoring	\$500,000

Project Schedule:

Start Date: 2001
 Finish Date: 2008

	2001	2002	2003	2004	2005	2006	2007	2008
Feasibility& Design								
Construction								
Monitoring								

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	Total
USACE	175	50	890	800	875	80	130	\$3,000
SFWMD	175	50	890	800	875	80	130	\$3,000
Total	350	100	1780	1600	1750	160	260	\$6,000

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_33.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Diverting WCA-2 and WCA-3 flows to Central Lake Belt Storage Area (YY)(ZZ)
Project ID: 1412
Lead Agency: USACE / SFWMD
Authority: WRDA 2012 (scheduled)

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): pumps; water control structures; canals, and canal improvements

Project Synopsis: This feature includes pumps, water control structures, canals, and conveyance improvements located adjacent to Water Conservation Areas 2 and 3 in Broward County. The size and configuration of these facilities were determined through more detailed planning and design completed as a part of the draft Water Preserve Areas Feasibility Study. The purpose of this project is to attenuate high stages in Water Conservation Areas 2 and 3 and transport this excess water to Central Lake Belt Storage Area where it will be stored to meet downstream demands in Shark River Slough, Water Conservation Area 3B, or Biscayne Bay.

Cost:

Total	\$76,921,000
Project Development	\$1,822,000
Land Acquisition (estimated 664 acres)	\$16,798,000
Implementation	\$61,778,000
RE Adjustment	-\$3,477,000

Operations and maintenance	\$146,635
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Project Schedule:

Start Date: 2012
 Finish Date: 2018

	2012	2013	2014	2015	2016	2017	2018
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	Thru 2002*	2009	2010	2011	2012	2013	2014	2015-2018 Balance to complete	Total
USACE	75	130	130	130	1,795	1,795	1,795	32,611	\$38,461
SFWMD	75	130	130	130	1,795	1,795	1,795	32,610	\$38,460
Total	150	260	260	260	3,590	3,590	3,590	65,221	\$76,921

*programmatic cost

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_48.cfm

http://www.evergladesplan.org/pm/projects/proj_47.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Everglades Rain-Driven Operations (H)
Project ID: 1413
Lead Agency: USACE / SFWMD
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s): Revised Water Conservation Area regulation schedule

Project Synopsis: Modifications to the regulation schedules for Water Conservation Areas 2A, 2B, 3A, 3B and the current Rainfall Delivery Formula for Everglades National Park will be made to implement rain-driven operations for all of these areas. These new operational rules are intended to improve timing and location of water depths in the Water Conservation Areas and Everglades National Park and to restore more natural hydropatterns. A plan for this will be developed following completion of the initial CERP update.

Cost:

Total TBD

Project Development

Land Acquisition

Implementation

Operation and maintenance

Project Schedule:

Start Date: TBD*

Finish Date:

* Implement when appropriate as other facilities come on-line.

	1999	2000	2001	2002	2003	2004
Planning & Design						
Real Estate						
Construction						

Detailed Project Budget Information

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
USACE								
SFWMD								
Total								

Hyperlink: www.evergladesplan.org

DATA SHEET PROFILE

Project Name: C&SF: CERP - Henderson Creek/Belle Meade Restoration (OPE)
Project ID: 1414
Lead Agency: USACE / FDEP
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Secondary: 1.B.1

Measurable Output(s): 10-acre stormwater lake/marsh filtering system, four culverts, a swale and spreader system, and the removal of the Road-to-Nowhere

Project Synopsis: This feature combines multiple individual elements to complement each other to form a larger-scale combined effect. This feature includes a 10-acre stormwater lake/marsh filtering system; four culverts under State Road 951; hydrologic restoration around Manatee Basin including culverts, ditching, removal of some roadbed; invasive, exotic plant removal; a public access point and interpretive boardwalk; construction of a swale and spreader system; and removal of the Road-to-Nowhere. This southwest Florida feature is located in Collier County. The area known locally as Belle Meade is the primary drainage basin for the Henderson Creek Estuary, which drains into Rookery Bay.

Cost:

Total	\$4,806,000
Project Development	\$260,000
Land Acquisition (estimated 12,415 acres)	\$1,029,000
Implementation	\$3,517,000
Operations and maintenance	\$41,000

Project Schedule:

Start Date: 2002
 Finish Date: 2007

	2002	2003	2004	2005	2006	2007
Planning & Design						
Real Estate						
Construction						

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	Total
USACE	123	100	210	210	880	880	\$2,403
FDEP	123	100	210	210	880	880	\$2,403
Total	246	200	420	420	1,760	1,760	\$4,806

Hyperlink: www.evergladesplan.org/pm/projects/proj_93.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - L-31N Improvements for Seepage Management and S-356 Structures (V)(FF)
Project ID: 1415
Lead Agency: USACE / SFWMD
Authority: Not authorized

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Relocation and enhancement of L-31N, groundwater wells, and sheetflow delivery system

Project Synopsis: This feature includes relocating and enhancing L-31N, groundwater wells, and sheetflow delivery system adjacent to Everglades National Park located in Miami-Dade County. More detailed planning, design and pilot studies will be conducted to determine the appropriate technology to control seepage from Everglades National Park. These studies and tests will also determine the appropriate amount of wet season groundwater flow control that will minimize potential impacts to Miami-Dade County's West Wellfield and freshwater flows to Biscayne Bay.

Cost:

Total	\$184,845,000
Project Development	\$6,777,000
Land Acquisition (estimated 3,947 acres)	\$94,704,000
Implementation	\$83,364,000
Operations and maintenance	\$4,647,234

Project Schedule:

Start Date: 2006
 Finish Date: 2013

	2006	2007	2008	2009	2010	2011	2012	2013
Planning & Design								
Real Estate								
Construction								

Detailed Project Budget Information (\$1000)

	Thru 2002*	2006	2007	2008	2009	2010	2011	2012	2013	Total
USACE	161	404	564	12,402	12,403	12,402	26,297	13,894	13,896	\$92,423
SFWMD	161	403	565	12,403	12,402	12,403	26,296	13,894	13,895	\$92,422
Total	322	807	1,129	24,805	24,805	24,805	52,593	27,788	27,791	\$184,845

*programmatic costs

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_27.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - L-31N Seepage Management – Pilot Project (V)
Project ID: 1416
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: Goal 1.A.4

Measurable Output(s): Report and Technology determination

Project Synopsis: The purpose of this feature is to reduce levee seepage flow across L-31N adjacent to Everglades National Park via a levee cutoff wall. Additionally, the feature was designed to reduce groundwater flows during the wet season by capturing groundwater flows with a series of groundwater wells adjacent to L-31N, then back pumping those flows to Everglades National Park. The pilot project is necessary to determine the appropriate technology to control seepage from Everglades National Park. The pilot project will also provide necessary information to determine the appropriate amount of wet season groundwater flow to return that will minimize potential impacts to Miami-Dade County's West Wellfield and freshwater flows to Biscayne Bay.

Cost:

Total	\$10,000,000
Project Development	\$500,000
Land Acquisition (0 acres)	\$0
Implementation	\$9,000,000
Monitoring	\$500,000

Project Schedule:

Start Date: 2001
 Finish Date: 2008

	2001	2002	2003	2004	2005	2006	2007	2008
Feasibility& Design								
Construction								
Monitoring								

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	Balance to Complete	Total
USACE	815	100	100	642	1400	1,943	\$5,000
SFWMD	815	100	100	643	1400	1,942	\$5,000
Total	1630	200	200	1285	2800	3,885	\$10,000

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_36.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP – Lakebelt (In-Ground Reservoir) Technology – Pilot Project
Project ID: 1417
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s): Report and Test Site

Project Synopsis: Several features recommend the use of areas where lime rock mining will have occurred. The initial design of these reservoirs includes subterranean seepage barriers around their perimeter in order to enable drawdown during dry periods, prevent seepage losses, and prevent water quality impacts due to transmissivity of the aquifer in these areas. The pilot project is required to determine construction technologies, storage efficiencies, impacts on local hydrology, and water quality effects. Water quality assessments will include a determination as to whether the in-ground reservoirs and seepage barriers will allow for storage of untreated waters without concerns of groundwater contamination.

Cost:

Total	\$23,000,000
Project Development	\$2,000,000
Land Acquisition (0 acres)	\$0
Implementation	\$20,000,000
Operations and maintenance	\$1,000,000

Project Schedule:

Start Date: 2001
 Finish Date: 2012

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Feasibility& Design												
Construction												
Monitoring												

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009-2011 Balance to complete	Total
USACE	1216	143	150	150	2000	2000	2000	3841	\$11,500
SFWMD	1216	142	150	150	2000	2000	2000	3842	\$11,500
Total	2432	285	300	300	4000	4000	4000	7683	\$23,000

Hyperlink: www.evergladesplan.org/pm/projects/proj_35.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lake Okeechobee Aquifer Storage and Recovery – Pilot Project (GG)
Project ID: 1418
Lead Agency: USACE/SFWMD
Authority: WRDA 1999

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Report

Project Synopsis: The pilot project is necessary to identify the most suitable sites for the aquifer storage and recovery wells in the vicinity of Lake Okeechobee and to identify the optimum configuration of those wells. Additionally the pilot project will determine the specific water quality characteristics of waters to be injected, the specific water quality characteristics and amount of water recovered from the aquifer, and the water quality characteristics of the receiving aquifer. Further information from the pilot project will provide the hydrogeological and geotechnical characteristics of the upper Floridan Aquifer System within the region and the ability of the upper Floridan Aquifer System to maintain injected water for future recover.

Cost:

Total	\$19,000,000
Project Development	\$1,000,000
Land Acquisition	
Implementation	\$14,000,000
Operations and maintenance	\$4,000,000

Project Schedule:

Start Date: 2000
 Finish Date: 2009

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Feasibility & Design										
Construction										
Monitoring										

Detailed Project Budget Information (\$1,000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009	Total
USACE	1,819	500	500	2,550	3,036	500	525	70	\$9,500
SFWMD	1,819	500	500	2,550	3,036	500	525	70	\$9,500
Total	3,638	1,000	1,000	5,100	6,072	1,000	1,050	140	\$19,000

Hyperlink: www.evergladesplan.org/pm/projects/proj_32.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lake Okeechobee Regulation Schedule (F)
Project ID: 1419
Lead Agency: USACE / SFWMD
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: Primary:1.A.4

Measurable Output(s): New Lake Okeechobee regulation schedule

Project Synopsis: The Lake Okeechobee Regulation Schedule will be modified in order to take advantage of the additional storage facilities identified in the construction features. Two additional zones will be added to the schedule. The first zone will trigger discharges to the north of Lake Okeechobee reservoir and the Everglades Agricultural Area reservoir. The second higher zone will trigger the Lake Okeechobee aquifer storage and recovery facilities to begin injecting water from the Lake. Climate based forecasting will be used to guide management decisions regarding releases to the storage facilities.

Cost:

Total	TBD
Project Development	
Land Acquisition	
Implementation	
Operation and Maintenance	

Project Schedule:

Implement when appropriate as other facilities come on-line.

Detailed Project Budget Information

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
USACE								
State								
Tribal								
SFWMD								
Other								
Total								

Hyperlink: www.evergladesplan.org

DATA SHEET PROFILE

Project Name: C&SF: CERP - Modify Holey Land Wildlife Management Area Operation Plan (DD)
Project ID: 1420
Lead Agency: USACE / SFWMD
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Modified Operational Plan for the Holey Land

Project Synopsis: Modification to the current operating plan for Holey Land Wildlife Management Area will be made to implement rain-driven operations for this area. Water deliveries are made to Holey Land from the Rotenberger Wildlife Management Area or from Stormwater Treatment Area 3/4 if Rotenberger flows are insufficient. The deliveries are assumed to be of acceptable water quality. These new operational rules are intended to improve the timing and location of water depths within the Holey Land Wildlife Management Area.

Cost:

Total	\$150,000
Project Development	\$150,000
Land Acquisition	
Implementation	

Operations and maintenance

Project Schedule:

Start Date:	2005
Finish Date:	2008

	2005	2006	2007	2008
Planning & Design				
Real Estate				
Construction				

Detailed Project Budget Information (\$1000)

	2005	2006	2007	2008	Total
USACE	18.75	18.75	18.75	18.75	\$75
SFWMD	18.75	18.75	18.75	18.75	\$75
Total	37.5	37.5	37.5	37.5	\$150

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_15.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Modify Rotenberger Wildlife Management Area Operation Plan (EE)
Project ID: 1421
Lead Agency: USACE / SFWMD
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Modified Operational Plan for the Rotenberger Land

Project Synopsis: Modification to the current operating plan for the Rotenberger Wildlife Management Area will be made to implement rain-driven operations for this area. Water deliveries are made to the Rotenberger Area from Stormwater Treatment Area 5. The deliveries are assumed to be of acceptable water quality. These new operational rules are intended to improve the timing and location of water depths within the Rotenberger Wildlife Management Area.

Cost:

Total	\$150,000
Project Development	\$150,000
Land Acquisition	
Implementation	

Operations and maintenance

Project Schedule:

Start Date:	2005
Finish Date:	2008

	2005	2006	2007	2008
Planning & Design				
Real Estate				
Construction				

Detailed Project Budget Information (\$1000)

	2005	2006	2007	2008	Total
USACE	18.75	18.75	18.75	18.75	\$75
SFWMD	18.75	18.75	18.75	18.75	\$75
Total	37.50	37.50	37.50	37.50	\$150

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_16.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Operational Modification to Southern Portion of L-31N and C-111 (OO)
Project ID: 1422
Lead Agency: SFWMD / USACE
Authority: No Congressional action is required

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s): Modified operations of C-111 Project

Project Synopsis: Modifications to the operations of the C-111 Project, currently under construction, will be made to the southern portion of L-31N Borrow Canal and C-111. These operational modifications will be made to improve deliveries to Everglades National Park and decrease flood risk of adjacent agricultural areas in the Lower East Coast Service Area. The first part of the operational changes are being implemented under the Combined Structural and Operational Plan (CSOP) analysis. The balance of change will be implemented in coordination with CERP implementation.

Cost:
Total \$0

Project Schedule:
Implement as part of C-111 Project.

DATA SHEET PROFILE

Project Name: C&SF: CERP - Site 1 Impoundment and Aquifer Storage and Recovery – Pilot Project (M)
Project ID: 1423
Lead Agency: USACE / SFWMD
Authority: WRDA 1999

Strategic Plan Goal(s) Addressed: Goal 1.A.4

Measurable Output(s): Report and optimum design

Project Synopsis: The pilot project will address uncertainties associated with ASR technology that are proposed in the CERP. It will be designed to determine the feasibility and evaluate technical and regulatory uncertainties, as well as optimum design, of a facility prior to embarking upon full scale implementation of the ASR facilities at the Western Hillsboro site, and other sites in the lower east coast region. The formulation of alternative pilot project designs is intended to address cost effective means to address these uncertainties.

Cost:

Total	\$9,000,000
Project Development	\$900,000
Land Acquisition (0 acres)	\$0
Implementation	\$7,000,000
Monitoring	\$1,100,000

Project Schedule:

Start Date: 2000
 Finish Date: 2009

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Feasibility& Design										
Construction										
Monitoring										

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009	<i>Total</i>
USACE	1,097	56.5	100	1,000	1,050	500	636.5	60	\$4,500
SFWMD	1,097	56.5	100	1,000	1,050	500	636.5	60	\$4,500
Total	2,194	113	200	2,000	2,100	1,000	1,273	120	\$9,000

Hyperlink: www.evergladesplan.org/pm/projects/proj_34.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Southern Golden Gate Estates Restoration (OPE)
Project ID: 1424
Lead Agency: USACE / SFWMD
Authority: Not authorized

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): spreader channels, canal plugs, road removal and pump stations

Project Synopsis: This project includes a combination of spreader channels, canal plugs, road removal and pump stations in the Western Basin and Big Cypress, Collier County, south of I-75 and north of U.S. 41 between the Belle Meade Area and the Fakahatchee Strand State Preserve. The purpose of this project is to restore and enhance the wetlands in Golden Gate Estates and in adjacent public lands by reducing over-drainage. Implementation of the restoration plan would also improve the water quality of coastal estuaries by moderating the large salinity fluctuations caused by freshwater point discharge of the Fakahatchee Union Canal. The project would also aid in protecting the City of Naples' eastern Golden Gate wellfield by improving groundwater recharge.

Cost:

Total	\$45,654,000
Project Development	\$1,068,000
Land Acquisition	\$30,104,000
Implementation	\$14,482,000
Operations and maintenance	\$93,000

Project Schedule:

Start Date: 2001
 Finish Date: 2008

	2001	2002	2003	2004	2005	2006	2007	2008
Planning & Design								
Real Estate								
Construction								

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	Total
USACE	2,633	4,250	4,250	4,494	2,400	2,400	2,400	\$22,827
SFWMD	2,633	4,250	4,250	4,494	2,400	2,400	2,400	\$22,827
Total	5,266	8,500	8,500	8,988	4,800	4,800	4,800	\$45,654

Hyperlink: www.evergladesplan.org/pm/projects/proj_30.cfm

DATA SHEET PROFILE

Project Name: Critical Projects- Seminole Big Cypress Reservation Water Conservation Plan
Project ID: 1425
Lead Agency: USACE / Seminole Tribe of Florida
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s): Construction of conveyance systems, major canal bypass structures, irrigation storage cells, and water resource areas

Project Synopsis: The planned network of surface water management structures is designed to accomplish the following four objectives to get the water right through quantity, quality, timing and distribution necessary for restoration:

1. Remove phosphorus and other pollutants from water leaving the Reservation. The removal of these pollutants will be achieved using natural treatment processes, in pretreatment cells and water resource areas (WRAs). Unlike the stormwater treatment areas in the Everglades Construction Project, the Tribe's WRAs will take advantage of the natural treatment processes and will serve additional functions in the storage and conveyance of water.
2. Convey and store irrigation water. To make use of water provided by the District (to replace the Tribe's diverted Compact water rights), the Tribe needs to be able to take this water, when it is available, to move it and to store it. This will be accomplished through water conveyance improvements and irrigation storage cells.
3. Provide improved flood control. Stormwater must be controlled on the Reservation to prevent extended periods of flooding and limit impacts downstream. This will be accomplished by means of stormwater attenuation areas, which will detain water from large storm events.
4. Re-water Big Cypress National Preserve. The Seminole Water Conservation Project will provide the opportunity to restore more natural hydroperiods in the Big Cypress National Preserve. Bypass structures will be placed under the West Feeder Canal that will sheetflow clean water south along the length of the Feeder Canal into the Big Cypress Addition.

This project includes design and construction of water control, management, and treatment facilities for all seven basins of the Big Cypress Reservation. Basins 1-4 of the Water Conservation Project have been approved as a Critical Project under the procedures outlined by the USACE. This subset of the Water Conservation Project can be constructed and will function independently of the infrastructure required in Basins 5, 6, and 7 in the eastern portion of the Big Cypress Reservation.

Cost:

Total	\$45,198,000
Project Development	\$5,457,000
Land Acquisition	\$3,734,000
Implementation	\$36,007,000

Project Schedule:

Start Date:	1997
Finish Date:	2008

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Design												
Real Estate												
Construction												

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	Balance to complete	Total
USACE	1880	4,144	4,144	4,144	4,144	4,143	22,599
Tribe	15,671	1,386	1,386	1,386	1,386	1,384	22,599
Total	17,551	5,530	5,530	5,530	5,530	5,527	45,198

Hyperlink: www.evergladesplan.org/pm/projects/proj_96.cfm

DATA SHEET PROFILE

Project Name: Florida Bay and the Florida Keys Feasibility Study
Project ID: 1426
Lead Agency: USACE
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Goal 1.A.4

Measurable Output(s): Feasibility Report

Project Synopsis: Construction of Flagler's railroad to Key West and subsequent conversion into U.S. Highway 1 (US-1) involved the placement of fill material in wetlands and open water for the numerous causeways between the keys. These causeways altered tidal flows between Florida Bay and the Atlantic Ocean, resulting in adverse water quality and fish and wildlife habitat impacts. One of the House of Representatives Committee on Public Works and Transportation resolutions of September 24, 1992 requested the Corps of Engineers conduct a study of Florida Bay, including a comprehensive, coordinated ecosystem study with hydrodynamic modeling of Florida Bay and its connections to the Everglades, the Gulf of Mexico, and the Florida Keys Coral Reef ecosystem. Hydrodynamic and water quality models currently under development for Florida Bay will provide the tools necessary for evaluation of the problem in a holistic manner. A feasibility study is recommended to comprehensively evaluate Florida Bay and to determine the types of modifications that are needed to successfully restore water quality and ecological conditions of the Bay.

Cost:

Total	\$6,299,900
Project Development	
Land Acquisition	
Implementation	
Operations and maintenance	

Project Schedule:

Start Date: 2001
 Finish Date: 2006

	2001	2002	2003	2004	2005	2006
PMP/FCSA						
Feasibility Study						

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	Total
USACE	535	1,438	642	320	215	\$3,150
State	0	1,757	643	535	215	\$3,150
Total	535	3,195	1,285	855	430	\$6,300

Hyperlink: www.evergladesplan.org/pm/studies/fl_bay.cfm

DATA SHEET PROFILE

Project Name: Herbert Hoover Dike Stabilization
Project ID: 1427
Lead Agency: USACE / SFWMD
Authority: O&M

Strategic Plan Goal(s) Addressed: 1.A.4

Measurable Output(s): Major Rehabilitation Report, stabilization of the dike

Project Synopsis: The purpose of the project is to protect the structural integrity of the Herbert Hoover Dike during extreme high water conditions. Construction of the Herbert Hoover Dike around Lake Okeechobee was initiated in the early 1930's and the last features were completed in the 1970's. The levee was constructed and improved through an incremental process during this period. Based on the best available existing data, it appears that the levee does not meet current safety factors for extreme flood conditions. Geotechnical data are being collected and evaluated to determine the extent of the problem and to develop recommendations for corrective actions. The results have been documented in a Major Rehabilitation Report (MRR). A value engineering study will be done on the MRR and the Corps will do a pilot project on slurry wall construction.

This project will contribute to the restoration of Lake Okeechobee and more natural water flows to the estuaries and the Everglades by avoiding operational constraints that would reduce the ability to meet restoration goals. If the Herbert Hoover Dike is not stable under high water conditions, it may be necessary to modify the operation of the project to minimize the probability of experiencing high water conditions. Such operations could dictate when and how much water is released from the lake. As a result, operational flexibility would be lost and restoration opportunities would be reduced.

Cost:

Total	\$234,400,000
Project Development	
Land Acquisition	
Implementation	
Operation and maintenance	

Project Schedule:

Start Date: 2001
 Finish Date: 2008

	2001	2002	2003	2004	2005	2006	2007	2008
Planning & Design								
Real Estate								
Construction								

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006-2008 Balance to complete	Total
USACE	2,070	1,000	1,000	7,000	216,530	\$227,600
SFWMD	0	0	1,910	2,070	2,820	\$6,800
Total	2,070	1,000	2,910	9,070	219,350	\$234,400

Hyperlink: <http://www.saj.usace.army.mil/>

DATA SHEET PROFILE

Project Name: Rotenberger Restoration
Project ID: 1430
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right.

Measurable Output(s): Extent of hydropattern restored (Target: 29,000 acres).

Project Synopsis The Rotenberger Restoration project is intended to restore hydropattern on the Rotenberger Wildlife Management Area, a total of over 29,000 acres. An inflow pump station and distribution canal are planned as part of the restoration effort to be located near the southeast corner of STA-5. Also planned are four outfall culverts, which will be placed in the east levee of the Rotenberger Wildlife Management Area to route water to the Miami Canal

*** Cost (Estimate):**
 Total: \$ 5,029,677
 (1) Project Development: \$ 307,283
 Land Acquisition: \$ -
 (2) Implementation: \$ 3,035,047
 Operations and Maintenance: \$ 1,687,347

Project Schedule:

Expected Completion Date: September 2002

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

* Detailed Project Budget Information

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$3,424,331	\$87,842	\$101,504	\$120,000	\$124,000	\$132,000	\$1,040,000	\$5,029,677
Tribal								
Local								
Other								
Total	\$3,424,331	\$87,842	\$101,504	\$120,000	\$124,000	\$132,000	\$1,040,000	\$5,029,677

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (3) Project Development includes Design Phase [contracts & staff costs] costs.
- (4) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Southwest Florida Feasibility Study
Project ID: 1431
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 1.A.4

Measurable Output(s): Feasibility Report

Project Synopsis: The Caloosahatchee River is the only portion of the C&SF Project that lies in southwest Florida. The river serves as an outlet from Lake Okeechobee to the Gulf of Mexico and is the major source of surface water supply to the Lower West Coast region. It provides agricultural and lawn irrigation, public water supplies and is used to recharge shallow wellfields. The river also provides drainage for private drainage systems and local drainage districts.

The facilities included in the Comprehensive Plan for the Caloosahatchee River Basin will help meet the needs of the basin. However, there are additional water resources problems and opportunities in southwest Florida that require studies that are beyond the scope of the Comprehensive Plan. For example, primary water quality and hydrologic data do not exist for much of the region. This lack of monitoring and assessment data information is a fundamental gap for this region of the state and greatly hinders its long-term water resources management opportunities.

The Southwest Feasibility Study will include Collier, Lee, Charlotte, Glades and Hendry Counties; and provide a framework to address the health of aquatic ecosystems; water flows; water quality (including appropriate pollution reduction targets), water supply; flood protection, wildlife, and biological diversity and natural habitat. The study will also investigate non-structural alternatives.

Cost:

Total	\$12,000,000
Project Development	
Land Acquisition	
Implementation	

Operations and maintenance

Project Schedule:

Start Date: 2001
 Finish Date: 2005

	2001	2002	2003	2004	2005
Planning & Design					
Real Estate					
Construction					

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	Total
USACE	1,850	1,383	1,384	1,383	\$6,000
SFWMD	150	1,950	1,950	1,950	\$6,000
Total	2,000	3,333	3,334	3,333	\$12,000

Hyperlink: www.evergladesplan.org/pm/studies/swfl.cfm

DATA SHEET PROFILE

Project Name: WCA-2A Hydropattern Restoration
Project ID: 1432
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Extent of hydropattern improved (Target: 7,680 acres)

Project Synopsis: WCA-2A Hydropattern Restoration Works, consists of a modification of the L-6 levees and borrow canal to result in an approximation of sheet flow into Water Conservation Area-2A. This modification will extend from G-335, the new outflow pump station for STA-2, northeasterly to the STA-2 inflow canal from S-6, a total length of approximately 39,750 feet.

*** Cost (Estimate):**

Total:	\$ 6,002,523
(1) Project Development:	\$ 950,423
Land Acquisition:	\$ -
(2) Implementation:	\$ 4,724,671
Operations and Maintenance:	\$ 327,429

Project Schedule:
 Expected Completion Date: September 2006

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

* Detailed Project Budget Information

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$4,899,621	\$122,110	\$25,541	\$25,000	\$706,251	\$26,000	\$198,000	\$6,002,523
Tribal								
Local								
Other								
Total	\$4,899,621	\$122,110	\$25,541	\$25,000	\$706,251	\$26,000	\$198,000	\$6,002,523

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (5) Project Development includes Design Phase [contracts & staff costs] costs.
 (6) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454
 Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: West WCA-3A Hydropattern Restoration
Project ID: 1433
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Improve the volume, timing and distribution of water entering the Everglades

Project Synopsis: The objective of this plan element is to restore hydroperiod along the northwest perimeter of Water Conservation Area 3A, west of the Miami Canal and east of Levee L-28. This will be accomplished through development of a sheet flow approximation along the affected three mile length. The source of the water supply for this sheet flow will be, discharges from the Rotenberger Wildlife Management Area and the outflows from STA-5 via the pump station G-404 and STA-6.

*** Cost (Estimate):**

Total:	\$ 10,555,987
(1) Project Development:	\$ 51,492
Land Acquisition:	\$ -
(2) Implementation:	\$ 7,007,931
Operations and Maintenance:	\$ 3,496,564

Project Schedule:

Expected Completion Date: July 2006

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

* Detailed Project Budget Information

	Actual FY 94-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$6,856,504	\$158,129	\$228,236	\$250,000	\$640,118	\$268,000	\$2,155,000	\$10,555,987
Tribal								
Local								
Other								
Total	\$6,856,504	\$158,129	\$228,236	\$250,000	\$640,118	\$268,000	\$2,155,000	\$10,555,987

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (7) Project Development includes Design Phase [contracts & staff costs] costs.
- (8) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: C&SF: CERP - Big Cypress/L-28 Interceptor Modifications (CCC)
Project ID: 1500
Lead Agency: USACE / SFWMD
Authority: Not Authorized

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 7,600 ac-ft STA
 Levee degrading and canal filling

Project Synopsis: This feature includes modification of levees and canals, water control structures, pumps, and stormwater treatment areas with a total storage capacity of 7,600 acre-feet located within and adjacent to the Miccosukee and Seminole Indian Reservations in Collier and Hendry Counties. The initial design of the stormwater treatment areas assumed a total acreage of 1,900 acres with the water level fluctuating up to 4 feet above grade. Conceptual sizes of the stormwater treatment areas were based on interim phosphorus concentration targets in the conceptual plan for the Everglades Construction Project. The final size, depth and configuration of this facility, including the stormwater treatment areas, will be determined through more detailed planning and design. Design of the stormwater treatment areas will be based on water quality criteria of the Seminole Tribe and criteria applicable to Big Cypress National Preserve, as appropriate.

Cost:

Total	\$ 42,751,000
Project Development	\$2,477,000
Land Acquisition (estimated 1,900 acres)	\$6,700,000
Implementation	\$ 33,574,000

Operations and maintenance	\$404,457
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Project Schedule:

Start Date: 2005
 Finish Date: 2015

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Planning & Design											
Real Estate											
Construction											

Detailed Project Budget Information (\$1000)

	Thru 2002*	2005	2006	2007	2008	2009	2010	2011	2012-2015 Balance to complete	Total
USACE	37	177	177	847	847	847	847	4,204	13,392	\$21,375
SFWMD	37	177	177	847	847	847	847	4,205	13,392	\$21,376
Total	74	354	354	1,694	1,694	1,694	1,694	8,409	26,784	\$42,751

*programmatic costs

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_10.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP – C-9 Stormwater Treatment Area/ Impoundment (R)
Project ID: 1501
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 2,500 acres

Project Synopsis: This feature includes canals, levees, water control structures and a stormwater treatment area/impoundment with a total capacity of approximately 10,000 acre –feet, located in the western C-9 Basin in Broward County. The initial design of the stormwater treatment area/impoundment assumed 2,500 acres with the water level fluctuating up to 4 feet above grade. The size, depth and configuration of these facilities were determined through more detailed planning and design completed as a part of the draft Water Preserve Areas Feasibility Study and will address appropriate pollution load reduction targets necessary to protect receiving waters. The purpose of this feature is to provide treatment of runoff stored in the North Lake Belt Storage Area, enhance the groundwater recharge within the basin, provide seepage control for Water Conservation Area 3 and buffer areas to the west, and provide flood protection for western C-9 Basin.

Cost:

Total	\$89,146,000
Project Development	\$1,800,000
Land Acquisition (estimated 1,804 acres)	\$35,809,000
Implementation	\$24,407,000
RE Adjustment	\$27,130,000

Operations and maintenance	\$615,743
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Project Schedule:

Start Date: 2002
 Finish Date: 2007

	2002	2003	2004	2005	2006	2007
Planning & Design						
Real Estate						
Construction						

Detailed Project Budget Information (\$1000)

	2002	2003	2004	2005	2006	2007	Total
USACE	1,000	1,000	1,000	1,000	20,286	20,287	\$44,573
SFWMD	1,000	1,000	1,000	1,000	20,287	20,286	\$44,573
Total	2,000	2,000	2,000	2,000	40,573	40,573	\$89,146

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_41.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Miccosukee Tribe Water Management Plan (OPE)
Project ID: 1502
Lead Agency: USACE / Miccosukee Tribe
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 1.B.1

Measurable Output(s): 900 ac. constructed wetlands

Project Synopsis: This feature includes construction of a 900-acre wetland retention/detention area on the Miccosukee Tribe's Alligator Alley Reservation. The feature includes a pump station, levees, trenches and culverts to create the inflow and outflow facilities for the retention/detention area.

Cost:

Total	\$24,459,000
Project Development	\$1,562,000
Land Acquisition	\$1,718,000
Implementation	\$21,179,000

Operations and maintenance	\$540,000
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Project Schedule:

Start Date: 2000
 Finish Date: 2008

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	Total
USACE	0	156	156	2,709	3,264	2,972	2,973	\$12,230
Tribe	0	156	156	2,708	3,265	2,972	2,972	\$12,229
Total	0	312	312	5,417	6,529	5,944	5,945	\$24,459

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_90.cfm

DATA SHEET PROFILE

Project Name: North Palm Beach County Part 1
Project ID: 1503
Lead Agency: USACE / SFWMD
Authority: Not authorized.

Strategic Plan Goal(s) Addressed: Primary: 1.B.1

Secondary: 1.A.4

Measurable Output(s): 1,260 acres of STA

Project Synopsis: This project includes 6 separable elements: **a) Pal-Mar and J.W. Corbett Wildlife Management Area Hydropattern Restoration** – this element includes water control structures, canal modifications, and acquisition of 3,000 acres. The purpose of this element is to provide hydrologic connections between the Corbett WMA and the Moss property, the C-18 Canal, the Indian Trail Improvement District, and the L-8 borrow canal; **b) L-8 Basin Modifications** – this element involves modifications to the L-8 Basin, including a series of pumps, water control structures, and canal capacity improvements in the M canal. The purpose of this element is to increase water supply availability while maintaining or enhancing flood protection for northern Palm Beach County areas; **c) C-51 and L-8 Reservoir** – this element includes a combination above ground and in-ground reservoir. The purpose of this element is to increase water supply availability, attenuate discharge to the Lake Worth Lagoon, and provide ancillary drainage benefits for northern Palm Beach county areas; **d) Lake Worth Lagoon Restoration** – includes removal and trapping of sediments within the C-51 Canal and sediment removal or trapping within an area downstream of the C-51 Canal and the Lake Worth Lagoon. The purpose of this element is to improve water quality and allow for the reestablishment of sea grasses and benthic communities; **e) C-17 Backpumping and Treatment** – this element includes backpumping facilities and a stormwater treatment area with a total capacity of 2,200 acre feet located in northeastern Palm Beach County. The purpose of this element is to increase water supplies to the West Palm Beach Water Catchment Area and Loxahatchee Slough; **f) C-51 Backpumping and Treatment** – includes backpumping facilities and a stormwater treatment area with a storage capacity of 2,400 acre-feet located in Palm Beach County. The purpose of this element is to increase water supplies to the West Palm Beach Water Catchment Area and Loxahatchee Slough.

Cost:

Total	\$464,994,000
Project Development	\$12,840,000
Land Acquisition	\$63,783,000
Implementation	\$388,371,000
Operations and maintenance	\$4,176,046

Project Schedule:

Start Date: 2001
 Finish Date: 2014

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Planning & Design														
Real Estate														
Construction														

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007-2014 Balance to complete	Total
USACE	1,594	150	5,000	10,000	10,667	205,086	232,497
SFWMD	1,594	150	5,000	10,000	10,667	205,086	232,497
Total	3,188	300	10,000	20,000	21,334	410,172	\$464,994

Note: The Corps is not currently tracking the project components.

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_17.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP – Western C-11 Diversion Impoundment and Canal and Water Conservation Areas 3A and 3B Levee Seepage Management (O)(Q)
Project ID: 1504
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: 1.B.1

Measurable Output(s): 1,600 acres

Project Synopsis: This feature includes canals, levees, water control structures, and a stormwater treatment area/impoundment with a total storage capacity of 6,400 acre-feet located in western Broward County. The initial design of the stormwater treatment area/impoundment assumed 1,600 acres with water level fluctuating up to 4 feet above grade. The final size, depth and configuration of these facilities was determined through more detailed planning and design completed as a part of the Draft Water Preserve Areas Feasibility Study. Detailed design of this feature will address pollution load reduction targets necessary to protect receiving waters. The purpose of this feature is to divert and treat runoff from the western C-11 Basin that is presently discharged into Water Conservation Area 3A, control seepage from Water Conservation Areas 3A and 3B by improving groundwater elevations, and providing flood protection for the western C-11 Basin.

Cost:

Total	\$224,544,000
Project Development	\$3,324,000
Land Acquisition (estimated 10,376 acres)	\$126,645,000
Implementation	\$53,574,000
RE Adjustment	\$41,001,000

Operations and maintenance	\$783,432
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Project Schedule:

Start Date:	2002
Finish Date:	2009

	2002	2003	2004	2005	2006	2007	2008	2009
Planning & Design								
Real Estate								
Construction								

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008-2009 Balance to complete	Total
USACE	412	500	1,000	1,000	27,340	27,340	54,680	\$112,272
SFWMD	412	500	1,000	1,000	27,340	27,340	54,680	\$112,272
Total	824	1,000	2,000	2,000	54,680	54,680	109,360	\$224,544

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_41.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Caloosahatchee Backpumping with Stormwater Treatment (DDD)
Project ID: 1505
Lead Agency: USACE / SFWMD
Authority: Not authorized.

Strategic Plan Goal(s) Addressed: Primary: 1.B.1

Measurable Output(s): 20,000 ac-ft STA

Project Synopsis: This feature includes pump stations and a stormwater treatment area with a total capacity of approximately 20,000 acre-feet located in the C-43 Basin in Hendry and Glades Counties. The initial design of the stormwater treatment area assumed 5,000 acres with the water level fluctuating up to 4 feet above grade. The final size, depth and configuration of this facility will be determined through more detailed planning and design.

Cost:

Total	\$82,895,000
Project Development	\$4,790,000
Land Acquisition (estimated 5,000 acres)	\$13,179,000
Implementation	\$64,926,000
Operations and maintenance	\$2,273,076

Project Schedule:

Start Date: 2005
 Finish Date: 2014

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Planning & Design										
Real Estate										
Construction										

Detailed Project Budget Information (\$1000)

	Thru 2002*	2005	2006	2007	2008	2009	2010-2014 Balance to complete	Total
USACE	72	342	342	342	3,637	3,637	33,075	\$41,447
SFWMD	72	342	342	342	3,637	3,637	33,076	\$41,448
Total	144	684	684	684	7,274	7,274	66,151	\$82,895

* Programmatic Costs

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_06.cfm

DATA SHEET PROFILE

Project Name: Critical Projects: Lake Okeechobee Water Retention/Phosphorous Removal
Project ID: 1506
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: 1.B. 1

Measurable Output(s): 2 stormwater treatment areas with 940 acres

Project Synopsis: Re-establishing wetlands currently drained for agriculture. Construction of two Stormwater Treatment Areas will reduce phosphorous loading to Lake Okeechobee. Design is underway.

Cost:

Total	\$16,948,000
Project Development	\$2,355,000
Land Acquisition	\$3,300,000
Implementation	\$11,293,000

Operations and maintenance

Project Schedule:

Start Date: 1997
 Finish Date: 2006

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Planning & Design										
Real Estate										
Construction										

Detailed Project Budget Information (\$1,000)

	Thru 2002	2003	2004	2005	2006	Total
USACE	1,998	1,600	2,000	2,000	876	\$8,474
SFWMD	5,477	900	1,000	1,000	97	\$8,474
Total	7,475	2,500	3,000	3,000	973	\$16,948

Hyperlink: <http://www.saj.usace.army.mil/projects/crproj10.htm>

DATA SHEET PROFILE

Project Name: Miccosukee Tribe Water Management Area
Project ID: 1507
Lead Agency: Miccosukee Tribe of Indians, Department of Water Resources.
Contact: Ramon A Fundora
Authority: Section 518 of the CWA, Miccosukee Water Quality Standards, Inherent Tribal Sovereignty.

Project Synopsis: The Miccosukee Water Management Area is a project to construct a managed wetland/ Water Management Area on the Miccosukee Tribe's Alligator Alley Reservation. The purpose of the project is to provide water storage capacity and water quality treatment for waters which discharge into the Everglades Protection Area. The project will convert approximately 900 acres of tribally owned cattle pastures into a wetland retention/detention area, which will be designated to filter out harmful nutrients contained in stormwater runoff before the water enters the Everglades Protection Area. Tribal Water Quality Standards have been approved by EPA and require 10 ppb total phosphorous for waters entering the Everglades Protection Area. The (Water Management Area) will be designed to achieve the 10 ppb. The funding opportunity provided by The Army Corp of Engineers will be used to complete the planning and design for the Miccosukee Water Management Area.

Strategic Plan Goal(s) Addressed: 1. Get the water Right [1.a. Water Quantities will accommodate the natural system, urban and agriculture, 1.b. Water Quality will meet the designated use (achieve 10 ppb total phosphorous), 1.c. Compartmentalization will be reduced and sheet flow will be closer to pre-drainage patterns, 1.d. Water levels and timing of water deliveries will reflect quantities resulting from natural rainfall and will be distributed according to pre-drainage pattern, 2. Restore and Preserve natural habitats and Species: [2.a. The spatial extent of wetlands will be increased, 2.b. Impediments to natural water flow will be removed, 2.c. Habitat for numerous threatened and endangered species will be increased, 2.d. Invasive exotic plant and animal species will be substantially eliminated or reduced] and 3. Ensure Sustainability [3.a. Increase opportunity for socio-economic benefits, 3.b. Increase opportunity for eco-tourism and environmental education].

Measurable Output(s): 1. Reduction of total phosphorous loads to achieve a long term flow weighted average concentration of 10 parts per billion. 2. Conversion of upland acres to wetland by 900 acres, 3. Increase wetland habitat for threatened and endangered species by 900 acres, 4. Prevent urbanization / industrial development along the I-75 corridor by conversion to eco-tourism friendly use.

Project Schedule: The project will take no more than 5 years to complete. Funding has yet to be initiated and will likely come from multiple sources.

Start Date: 90 days after funding is secured / No funding to date, 8/19/03

Finish Date: No longer than 5 years

Gant Chart: Timeline showing bars for project development, land acquisition, implementation, operations and management. Timeline starts when project has started. Use format from IFP.

Cost: Total: \$42,113,000.00

Project Development (Planning & Design): \$2,528,000.00

Land Acquisition: The Miccosukee Tribe proposes to convert up to 900 acres of upland cattle pastures to be used as their share of this projects cost. (This is 1/3 larger than STA-6)

Land acquisition costs will be deemed equal to Capital costs of the project.

Implementation (Water Management Area Construction): \$20,213,000.00

Operations and Maintenance: \$19,372,000.00.(per year or time frame to be determined)

DATA SHEET PROFILE

Project Name: STA-1 West Works and Outflow Pump Station (G-310)
Project ID: 1508
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water right.

Measurable Output(s): Acres of stormwater treatment area (Target: 6,700 acres).

Project Synopsis: STA-1 West is located in Western Palm Beach County it serves the area tributary to Pump Station S-5A and the Loxahatchee National Wildlife Refuge (WCA-1). STA 1 West consists of almost 7,000 acres (over 10 square miles) of prior agricultural fields that have been converted to wetland treatment systems designed to reduce phosphorus loads entering the Everglades. The construction consisted of approximately 6,700 acres of wetlands, 14 miles of levees, three concrete spillways, culverts and related ancillary facilities. STA-1 West will include the current Everglades Nutrient Removal (ENR) Project, which is a demonstration project of wetland treatment technology. Over the last six years the ENR has removed over 80 metric tons of phosphorus from waters entering the Everglades. Pump Station G-310 is located at the south corner of STA-1 West and directly southwest of the existing G-251 outflow pump station for the ENR project. With a capacity of 3,040 cfs, it will provide treated water to the Loxahatchee National Wildlife Refuge, also known as, WCA 1.

*** Cost (Estimate):**
 Total: \$ 96,751,781
 (1) Project Development: \$ 3,119,981
 Land Acquisition: \$ 22,358,089
 (2) Implementation: \$ 46,699,084
 Operations and Maintenance: \$ 24,574,627

Project Schedule:

Expected Completion Date: September 2002

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

*** Detailed Project Budget Information**

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$74,807,948	\$1,490,536	\$2,093,297	\$1,977,000	\$1,643,000	\$1,704,000	\$12,856,000	\$96,751,781
Tribal								
Local								
Other								
Total	\$74,807,948	\$1,490,536	\$2,093,297	\$1,977,000	\$1,643,000	\$1,704,000	\$12,856,000	\$96,751,781

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (9) Project Development includes Design Phase [contracts & staff costs] costs.
- (10) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: STA-2 Works and Outflow Pump Station (G-335)
Project ID: 1509
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Acres of stormwater treatment area (Target: 6,430 acres).

Project Synopsis: STA-2 Works is located in southern Palm Beach County including and surrounding the Brown's Farm Wildlife Management Area. This project provides a total effective treatment area of 6,430 acres serving the area tributary to pump station S-5A and S-6. Construction included approximately 28 miles of levees constructed in the inflow, interior and discharge works combined, remote controlled structures and pump station G-335. This stormwater treatment area will filter and discharge waters to Water Conservation Area -2A (WCA-2A). Sixteen remotely controlled structures will reduce operation and maintenance expenditures and will allow additional flexibility to achieve balanced flows into the treatment cells. Outflow Pump Station G-335 is located at the south east corner of STA-2. This 3,040 cubic foot per second structure will discharge treated water into Water Conservation Area 2A.

*** Cost (Estimate):**

Total:	\$113,398,421
(1) Project Development:	\$ 4,382,696
Land Acquisition:	\$ 30,762,799
(2) Implementation:	\$ 59,889,158
Operations and Maintenance:	\$ 18,363,768

Project Schedule:

Expected Completion Date: September 2004

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

*** Detailed Project Budget Information**

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$94,668,865	\$2,629,217	\$1,782,339	\$1,255,000	\$1,280,000	\$1,341,000	\$10,442,000	\$113,398,421
Tribal								
Local								
Other								
Total	\$94,668,865	\$2,629,217	\$1,782,339	\$1,255,000	\$1,280,000	\$1,341,000	\$10,442,000	\$113,398,421

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (11) Project Development includes Design Phase [contracts & staff costs] costs.
- (12) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: STA-3/4 Works
Project ID: 1510
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Acres of stormwater treatment area (Target: 16,600 acres)

Project Synopsis: STA-3/4 will treat the area tributary to Pump Station S-7 and S-8 and will be constructed to provide a total effective treatment area of 16,600 acres extending generally from the Holey Land Wildlife Management Area to U.S. Highway 27. The major components of STA-3/4 are, but are not limited to the following: Inflow Pump Station G-370 and G-372, gated spillways G-371 and G-373, STA-3/4 Works, Supply Canal, and U.S. Highway 27 Bridge Relocation.

*** Cost (Estimate):**

Total:	\$218,381,242
(1) Project Development:	\$ 7,330,972
Land Acquisition:	\$ 50,325,184
(2) Implementation:	\$134,149,702
Operations and Maintenance:	\$ 26,575,384

Project Schedule:

Expected Completion Date: December 2004

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

* Detailed Project Budget Information

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$115,551,884	\$57,228,741	\$22,067,755	\$3,855,862	\$1,903,000	\$1,949,000	\$15,825,000	\$218,381,242
Tribal								
Local								
Other								
Total	\$115,551,884	\$57,228,741	\$22,067,755	\$3,855,862	\$1,903,000	\$1,949,000	\$15,825,000	\$218,381,242

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (13) Project Development includes Design Phase [contracts & staff costs] costs.
 (14) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: STA-5 Works
Project ID: 1511
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Acres of stormwater treatment area (Target: 4,118 acres).

Project Synopsis: STA-5 is bordered by L-3 on the west and immediately east of and adjacent to the Rotenberger Wildlife Management Area in Hendry County, is intended to improve the quality of water discharged from the C-139 Basin. STA-5 will achieve a total effective treatment area of 4,118 acres. Major components of this STA include, but are not limited to the following: construction of eight gravity control structures to convey flows into and out of STA-5 treatment cells, 18 miles of canal and levee construction, eight intermediate concrete culverts with fixed weirs, modifications to the existing L-3 Levee, seepage return pump station, (2) water supply pump stations and construction of a discharge canal. This STA consists of two parallel treatment cells with flow direction from west to east.

*** Cost (Estimate):**

Total:	\$ 47,838,969
(1) Project Development:	\$ 1,408,508
Land Acquisition:	\$ 15,516,837
(2) Implementation:	\$ 20,185,165
Operations and Maintenance:	\$ 10,728,459

Project Schedule:

Expected Completion Date: September 2005

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

* Detailed Project Budget Information

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$33,404,110	\$1,414,955	\$3,248,500	\$1,716,404	\$783,000	\$809,000	\$6,463,000	\$47,838,969
Tribal								
Local								
Other								
Total	\$33,404,110	\$1,414,955	\$3,248,500	\$1,716,404	\$783,000	\$809,000	\$6,463,000	\$47,838,969

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (15) Project Development includes Design Phase [contracts & staff costs] costs.
 (16) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: STA-6 (includes Sections 1 and 2)
Project ID: 1512
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Acres of stormwater treatment area (Target: Section 1 - 812 acres; Section 2 - 1,410 acres).

Project Synopsis: STA-6 Section 1 was completed on October 31, 1997, and is located immediately west of the Rotenberger Wildlife Management Area and north of Levee L-3 in southeastern Hendry County. It was constructed to provide a total effective STA area of 870 acres. Project components included, but were not limited to, construction of various inflow and discharge structures, discharge canal and levee. STA-6 Section 2 will involve the addition of 1,410 acres of effective treatment area to treat runoff from US Sugar Corporation's Southern Division Unit 1. The improvements consist primarily of new inflow, outflow, exterior and perimeter levees, inflow structures and outflow structures, new access bridges and seepage return pump.

*** Cost (Estimate):**

Total:	\$ 23,352,281
(1) Project Development:	\$ 755,865
Land Acquisition:	\$ 7,451,810
(2) Implementation:	\$ 10,676,705
Operations and Maintenance:	\$ 4,467,901

Project Schedule:

Expected Completion Date: September 2006

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

* Detailed Project Budget Information

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$10,230,983	\$41,753	\$2,484,691	\$4,208,149	\$2,394,061	\$874,644	\$3,118,000	\$23,352,281
Tribal								
Local								
Other								
Total	\$10,230,983	\$41,753	\$2,484,691	\$4,208,149	\$2,394,061	\$874,644	\$3,118,000	\$23,352,281

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (17) Project Development includes Design Phase [contracts & staff costs] costs.
- (18) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: STA-1E / C-51 West
Project ID: 1513
Lead Agency: USACE/SFWMD
Authority: FCA 1968, WRDA 1996

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Acres of stormwater treatment area (Target: 6,500 acres)

Project Synopsis: The project is located in Palm Beach County and runs east/west from Water Conservation Area No. 1 (Loxahatchee National Wildlife Refuge) to West Palm Beach at Lake Worth. The authorized project will provide 30-year flood protection to the urbanized eastern basin and 10-year flood protection to the western basin. All eastern basin features have been completed. This project will operate in parallel with STA 1W to reduce the total phosphorus in runoff from both the C-51 West and S 5A basins prior to their discharge into Water Conservation Area 1. During mediation of the Everglades litigation, a technical mediated plan was developed for resolution of the litigation. The technical mediated plan included a substantially modified C-51 Project. The modified plan expands the original 1,600 acre flood water detention area into a 6,500 acre stormwater treatment area. In addition to the flood damage reduction benefits provided by the original project, the modified plan provides water quality treatment, reduction of damaging freshwater discharges to Lake Worth, and increased water supply for the Everglades and other users. Major Project components include, but are not limited to, construction of the following: STA 1E Works, Pumping Station S-319 and S-362, Canal C-51 enlargement and gated structure S-155A.

Cost:

Total:	\$220,672,446
Project Development:	\$441,317
Land Acquisition:	\$63,818,446
Implementation:	\$156,412,703
Operations and Maintenance:	\$23,901,652
(Not included in total above but displayed separately in budget info below)	

Project Schedule:

Start Date: 1994
 Finish Date: 2004

	Thru 2002	2003	2004	2005	2006	2007	2008-2014
Planning & Design							
Real Estate							
Construction							
O&M							

Detailed Project Budget Information

	Thru 2002	2003	2004	2005	2006	2007	2008-2014	Total
Federal	\$119,654,000	\$23,403,726	\$9,842,274					\$152,900,000
State	\$ 16,039,214	\$ 4,364,763	\$1,368,489					\$ 21,772,446
O&M			\$2,040,652	\$1,924,000	\$1,956,000	\$2,010,000	\$15,971,000	\$ 23,901,652
DOI	\$ 46,000,000							\$ 46,000,000
Total	\$181,693,214	\$27,768,489	\$13,251,415	\$1,924,000	\$1,956,000	\$2,010,000	\$15,971,000	\$244,574,118

Hyperlink: www.saj.usace.army.mil

DATA SHEET PROFILE

Project name: Total Maximum Daily Load (TMDL) for South Florida
Project ID: 1600
Lead Agency: FDEP
Authority: 403.067, F.S.

Strategic Plan Goal(s) Addressed: Goal 1

Measurable Output(s): Basin Assessments, Identifying Impaired Waters, Supplemental Data Collection, Develop TMDLs, Implementation Plans, Verification WQ Standards have been met

Project Synopsis: During the first phase, the water quality data for each basin will be assessed in detail, including the identification of waters for which TMDLs will be developed. Once a basin assessment report and a Plan of Study are completed, intensive monitoring will be conducted in the basin to supply any additional data needed to model the impaired waters in the basin and generate TMDLs. During the third phase, TMDLs will be calculated and then allocated to individual point sources and the major categories of nonpoint sources. After TMDLs are approved, a consensus-based basin management action plan (BMAP), which will include a TMDL implementation plan, will be developed during the fourth phase. The implementation plan will include more detailed allocations to nonpoint sources, but the allocations will be voluntary if the sources are currently outside of the State's regulatory authority. Once these plans have been adopted and implemented, verification (using added WQ monitoring data, evaluations of beach closure reports, or number of fish kills, for example) will allow waters to be certified as meeting water quality standards.

Cost: Total: \$633,000/yr
 Project Development: \$633,000/yr
 Land Acquisition: Unknown
 Implementation: Unknown
 Operations and maintenance: Unknown

Project Schedule:

Start Date: July 1, 2000

Finish Date: Upon Completion (Current schedule runs to 2011)

Detailed Project Budget Information

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State	0.4×10^6	0.6×10^6	0.6×10^6	0.6×10^6	0.6×10^6	1.0×10^6	?	3.8×10^6
Tribal	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Local	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	0.4×10^6	0.6×10^6	0.6×10^6	0.6×10^6	0.6×10^6	1.0×10^6	?	3.8×10^6

DATA SHEET PROFILE

Project Name: Chapter 298 Districts/Lease 3420 Improvements
Project ID: 1700
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Extent of reduction of total phosphorus entering Lake Okeechobee.

Project Synopsis: South Florida Water Management District is funding works of the Chapter 298 District (East Beach Water Control District, East Shore Water Control District, South Shore Drainage District and South Florida Conservancy District) for the design and construction of this diversion work as described in the Everglades Forever Act. South Florida Water Management District is also funding works of the Lessee of Lease No. 3420 (Closter Farms) for the design and construction of diversion works as described in the Everglades Forever Act. The primary objective of these improvements is to reduce total phosphorus loads discharged directly to Lake Okeechobee.

*** Cost (Estimate):**

Total:	\$ 22,817,145
(1) Project Development:	\$ 779,995
Land Acquisition:	\$ -
(2) Implementation:	\$ 22,037,150
Operations and Maintenance:	\$ -

Project Schedule:

Expected Completion Date: September 2004

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

* Detailed Project Budget Information

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$16,100,699	\$2,246,780	\$4,469,666	-	-	-	-	\$22,817,145
Tribal								
Local								
Other								
Total	\$16,100,699	\$2,246,780	\$4,469,666	-	-	-	-	\$22,817,145

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.

- (19) Project Development includes Design Phase [contracts & staff costs] costs.
 (20) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 68-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Comprehensive Integrated Water Quality Feasibility Study
Project ID: 1701
Lead Agency: USACE / FDEP
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 1.B.3

Measurable Output(s): Feasibility Report

Project Synopsis: The Comprehensive Plan includes a number of construction features, such as stormwater treatment areas, specifically designed to improve water quality conditions for the purpose of south Florida ecosystem restoration. Further, the plan includes other construction features, such as water storage reservoirs that could be designed to maximize water quality benefits to downstream water bodies. Optimizing the design and operation of construction features of the recommended plan to achieve water quality restoration targets is essential for achieving overall ecosystem restoration goals for south Florida.

The Comprehensive Integrated Water Quality Feasibility Study for south Florida would involve identifying pollution-impaired water bodies, quantifying types and sources of pollution, establishing interim and final pollution load reduction targets necessary to achieve ecosystem restoration, recommendations for development of potential source reduction programs, recommendations for baseline and future water quality monitoring programs to assess ecological responses to water quality changes, and recommendations for designing and constructing water quality treatment facilities, if necessary. It is also envisioned that the feasibility study will address issues of fragmented, uncoordinated water quality sampling, data quality, and climatological effects and trends; recommendations for oversight and support of improved water quality modeling efforts in south Florida; development of additional water quality restoration targets, where needed; recommendations for remediation programs to achieve those targets; recommendations for Best Management Practices in specific agricultural and urban areas where appropriate (including identifying those urban areas where participation in the NPDES municipal stormwater program is needed); and recommendations for synchronizing water quality restoration programs with the implementation schedule for the components of the recommended plan. The Comprehensive Integrated Water Quality Feasibility Study would also include recommendations for locations of water storage and treatment areas and design features for optimizing CERP components to achieve water quality restoration targets. The comprehensive integrated water quality feasibility study may also lead to recommendations for additional features (e.g., polishing cells, operational features) for CERP components currently lacking specific water quality performance elements.

Cost:

Total \$8,100,000
 Project Development

Project Schedule:

Start Date: 2001
 Finish Date: 2006

	2001	2002	2003	2004	2005	2006
Planning & Design						
Construction						

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	Total
USACE	863	905	904	904	904	\$4,480
FDEP	0	905	905	905	905	\$3,620
Total	863	1,810	1,809	1,809	1,809	\$8,100

Hyperlink: <http://www.evergladesplan.org/pm/studies/ciwq.cfm>

DATA SHEET PROFILE

Project Name: Critical Projects- Lake Trafford
Project ID: 1702
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: 1.B.3 and 2.A.3

Measurable Output(s): Removal of 8.5 million cubic yards of organic material

Project Synopsis: The removal of 8.5 million cubic yards of organic material from the lake will improve water quality, and re-establish native vegetation. Design is underway.

Cost:

Total	\$15,408,000
Project Development	\$1,007,000
Land Acquisition	\$744,000
Implementation	\$13,657,000

Operations and maintenance

Project Schedule:

Start Date:	1999
Finish Date:	2005

	1999	2000	2001	2002	2003	2004	2005
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	Total
USACE	1,521	2,000	2,000	2,183	\$7,704
SFWMD	2,042	2,000	2,000	1,662	\$7,704
Total	3,563	4,000	4,000	3,845	\$15,408

Hyperlink: <http://www.saj.usace.army.mil/projects/proj15.htm>

DATA SHEET PROFILE

Project Name: Critical Projects - Western C-11 Water Quality Treatment
Project ID: 1703
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 1.B.3

Measurable Output(s): gated spillway structure, pump station

Project Synopsis: Western C-11 Basin Water Quality Treatment. The construction of gated spillway structure in the C-11 canal will separate clean seepage flows from urban stormwater drainage. A pump station will be constructed to pump this clean flow into Water Conservation Area 3A.

Cost:

Total	\$16,512,000
Project Development	\$1,440,000
Land Acquisition	
Implementation	\$15,072,000

Operations and maintenance

Project Schedule:

Start Date:	1997
Finish Date:	2004

	1997	1998	1999	2000	2001	2002	2003	2004
Design								
Construction								

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	Total
USACE	8,256	0	0	\$8,256
SFWMD	2,530	3,726	2,000	\$8,256
Total	10,786	3,726	2,000	\$16,512

Hyperlink: <http://www.saj.usace.army.mil/projects/newrpt.htm>

DATA SHEET PROFILE

Project Name: Development of Best Management Practices Related to the Land Application of Residuals and Chicken Manure in the Lake Okeechobee Watershed

Project ID: 1704

Lead Agency: South Florida Water Management District

Authority:

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Establishment of Environmentally-Sound Guidelines for Land Application of Residuals and Chicken Manure

Project Synopsis: The overall objective of this project is to assess the potential impacts of residuals (sludge) and chicken manure application on the quality of water reaching Lake Okeechobee. The specific objectives are to (1) document any exiting environmental problems associated with their use, (2) establish environmentally-sound guidelines for the land application of residuals and chicken manure, and (3) educate landowners in the watershed on the proper management and use of the waste materials.

Cost:	Total	\$657,000 + (subject to contract bids and negotiations)
	Project Development	\$50,000 + (subject to contract bids and negotiations)
	Land Acquisition	N/A
	Implementation	\$607,000
	Operations and Maintenance	N/A

Project Schedule:

Start Date: 7/1/00

Finish Date: 2/1/06

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State		100,000	257,000	100,000	100,000		100,000	657,000
Tribal								
Local								
Other								
Total		100,000	257,000	100,000	100,000		100,000	657,000

Additional information available at www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Jim Laing, (561) 682-6667

DATA SHEET PROFILE

Project Name: Everglades National Park Water and Wastewater Treatment

Project ID: 1705

Lead Agency: National Park Service

Authority:

Strategic Plan Goal(s) Addressed: Natural and Cultural Resources and associated values are protected, restored and maintained, Visitors safely enjoy recreational opportunities.

Measurable Output(s): Number of water and wastewater systems that are rehabilitated or replaced

Project Synopsis: This project will rehabilitate or replace the water and wastewater systems at Pine Island and Flamingo districts within Everglades National Park. The existing water and wastewater systems are antiquated, under the influence of surface waters, and do not provide levels of nutrient removal which meet applicable regulations. While originally constructed to code, many of these systems fall short of meeting present day standards. This rehabilitation effort would modify or replace all of the existing systems with the new systems that offer the full level of public health and environmental protection that present day standards require. The final result will be potable water systems properly designed to provide safe, clean water and wastewater that is sufficiently treated to fully protect the fragile water resources within Everglades National Park.

Cost: Total \$16,140,000

Project Schedule:

Start Date: 1997

Finish Date: 2005

	1997	1998	1999	2000	2001	2002	2003	2004
Construction								

Detailed Project Budget Information (\$1,000)

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal	3,100	1,092	3,192	4,192	4,564		0	16,140

DATA SHEET PROFILE

Project Name: Everglades Regulation Division
Project ID: 1706
Lead Agency: South Florida Water Management District
Authority: Everglades Forever Act (EFA)

Strategic Plan Goal(s) Addressed: I.B.3

Measurable Output(s): Basin Specific Water Quality Improvement Plan; Long-term Compliance Permit; Achieve State Water Quality Standards at all structures discharging to the Everglades Protection Area by December 2006

Project Synopsis: As a result of the EFA, the SFWMD established the Everglades Regulation Division. The Division includes two main components, the Everglades Agricultural Area (EAA) and C-139 basin Best Management Practices (BMPs) Regulatory Program and the Everglades Stormwater Program. The EAA/C-139 BMP Program includes a regulatory program developed to decrease phosphorus loads from the EAA and C-139 basins by reducing phosphorus from farm discharges. Landowners in the EAA have implemented a series of best management practices that have reduced phosphorus loads to the Everglades. Over the last several years, the total cumulative loads attributable to the EAA have been reduced more than the 25% reduction required compared to the calculated load that would have occurred during the pre- Best Management Practice period (adjusted for hydrologic variability). The C-139 basin BMP regulatory program is just beginning, BMPs are being implemented and compliance monitoring will continue. The Everglades Stormwater Program was developed to ensure that all basins discharging into the Everglades other than those included in the EAA/C-139 meet state water quality standards. Water quality improvement strategies are being developed for each basin that discharges into the Everglades Protection Area. These strategies will include best management practices, regulatory programs, public outreach, and construction of public works projects. Until the basin specific water quality improvement plans are developed, it will be difficult to estimate implementation costs of this program.

Cost:	Total	Subject to final compliance methodology
Project Development	N/A	
Land Acquisition	N/A	
Implementation	N/A	
Operations and Maintenance	N/A	

Project Schedule:

Start Date: March 1998
 Finish Date: December 2006

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	2005	2006	Balance to complete	Total
Federal				*	*	*	*	*	*	*
State	4M	3.5M	4M	4M	4M	5M			*	*
Tribal				*	*	*	*	*	*	*
Local	50K	100K	250K	100K	75K	3.5M	*	*	*	*
Other										
Total	4.05 M	3.6M	4.25M	4.1M	4.075 M	8.5M	*	*	*	*

*Detailed Costs will be available after completion of Basin Specific analyses and issuance of Long-term Compliance Permit in 2004

Point of Contact: Damon Meiers (561) 682-6876

DATA SHEET PROFILE

Project name: Florida Aquifer Restoration
Project ID: 1707
Lead Agency: USDA - NRCS
Authority: PL-46

Strategic Plan Goal(s) Addressed: Primary: 1.B.3

Measurable Output(s): Reduced Aquifer Contamination

Project Synopsis: Permanently plug irrigation wells in St. Lucie County and reduce saline contamination of the Floridan Aquifer by leaking well casing from other aquifers.

Cost: Total:\$1,203,000
Project Development
Land Acquisition
Implementation \$1,203,000
Operations and maintenance:

Project Schedule:

Start Date: 2002
Finish Date: 2008

Detailed Project Budget Information

	2002	2003	2004	2005	2006	2007	2008	Total
Federal	\$15,000		\$100,000	\$100,000	\$100,000	\$185,000	\$100,000	\$600,000
State	\$12,000	\$3,000	\$100,000	\$100,000	\$100,000	\$188,000	\$100,000	\$603,000
Tribal								
Local								
Other		\$3,000						\$3,000
Total	\$27,000	\$6,000	\$200,000	\$200,000	200,000	\$373,000	\$200,000	\$1,203K

Hyperlink: Donna Smith – 772-467-9779
USDA - NRCS

DATA SHEET PROFILE

Project Name: Lake Okeechobee Sediment Removal Feasibility Study and Pilot Project
Project ID: 1708
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed Getting the Water Right
Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Recommendation Regarding Sediment Removal from Lake Okeechobee

Project Synopsis: The goal of this project was to analyze alternatives and determine the best method of sediment management to reduce internal phosphorus loading in Lake Okeechobee. The Feasibility Study addressed alternatives such as sediment removal, processing, disposal, chemical treatment, and/or sealing sediment to achieve the project goal. The goal of the Feasibility Study was achieved using an objective methodology that allowed for review and input by experts and stakeholders throughout the study process. A pilot test of a state-of-the-art sediment removal/treatment technology train was conducted in parallel with the Feasibility Study. The pilot test included sediment removal, de-watering, treatment, and a pilot water quality treatment system. The results of the pilot test were incorporated into the Feasibility Study.

The results for the feasibility study indicated that once the TMDL is met the annual frequency of algal blooms would decrease to below a 15% annual probability of a bloom occurrence (from a current annual likelihood of approximately 20%) by 2015 and 10% by 2028. Under this “no in-lake action” alternative, steady-state lake recovery conditions would be achieved approximately 35 years from the point that external loads are reduced to the inflow load of 140 metric tons. Dredging did not prove feasible, while chemical treatment might be of value under limited conditions.

Cost:	Total	\$955,069 + (subject to contract bids and negotiations)
	Project Development	\$955,069 + (subject to contract bids and negotiations)
	Land Acquisition	N/A
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date: 6/1/00
Finish Date: 6/1/03 (**Completed 04/03**)

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State		0	287,509	280,888	386,672			*
Tribal								
Local								
Other								
Total		955,069	667,560	386,672	0			*

* Subject to contract bids

Point of Contact: Jorge Patino (561) 682-2731

Additional information available at www.sfwmd.gov under the heading “Major Projects”

DATA SHEET PROFILE

Project Name: Lake Okeechobee Tributary Sediment Removal Pilot Project
Project ID: 1709
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: Getting the Water Right
 Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Reduction in phosphorus concentrations in tributaries to Lake Okeechobee

Project Synopsis: This project provides a direct comparison between two sediment removal technologies, namely, a continuous deflective separation (CDS) unit and a tributary sediment trap (TST) to determine if particulate phosphorus loading to Lake Okeechobee from Lettuce Creek drainage basin may be reduced using either of two pre-selected technologies. This project also examines the feasibility of sediment removal in a tributary as a method of reducing phosphorus loading to Lake Okeechobee. The effectiveness of the two technologies is being evaluated over a 12-month monitoring period. Initial monitoring results have indicated poor removal efficiencies for phosphorus by both units. Upon evaluation of the physical characteristics of the particles in the Lettuce Creek water, it was hypothesized that the settling velocities of the particles are too slow to allow capture of the particulate phosphorus within the relatively short residence times provided by the two units. Additional sediment management techniques are being investigated to examine if the effectiveness of these units can be improved by enhancing the settling velocity of the particles. The effectiveness of each system will be quantified using both a concentration-based and mass balance approach. The economic viability of each technology will be evaluated by comparing the present worth cost (20-yr) per kilogram of sediment and phosphorus removed by each system. If one of the tested sediment trap methods is found effective, landowners in the watershed will be encouraged to use it. The District will also use the technology wherever possible on District facilities.

Cost:	Total	\$440,000
	Project Design (Phase I)	\$93,728
	Construction, Installation and Calibration of Monitoring Instruments (Phase II)	\$210,940
	Post Sediment Removal Monitoring and Measuring Effectiveness of the Project (Phase III)	\$135,332

Project Schedule: Start Date: October 2000
 Finish Date: June 2004

	10/2000	08/2001	01/2002	04/2002	05/2002	06/2004
Project Design						
Construction and Installation						
Monitoring and Project Evaluation						

Detailed Project Budget Information:

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal EPA	0	105,100	41,500	23,400				170,000
State SFWM D	0	51,000	156,600	42,400	20,000			270,000
Tribal								
Local								
Other								
Total	0	156,100	198,100	65,800	20,000			440,000

Additional information available at www.sfwmd.gov under the heading "Major Projects"

Point of Contact: Rodolfo Villapando (561) 682-2936

DATA SHEET PROFILE

Project Name: Miccosukee Water Resources Management
Project ID: 1710
Lead Agency: Miccosukee Tribe
Authority: Inherent Tribal Sovereignty.

Strategic Plan Goal(s) Addressed: 1. Get the water Right [quantity, quality, distribution, timing], 2. Restore and Preserve Natural Habitats and Species: [spatial extent, impediments to flow, habitat for threatened and endangered species, and exotic plant and animal] and 3. Ensure Sustainability [socio-economic benefits and opportunity for eco-tourism and environmental education].

Measurable Output(s): 1. Allows Tribe to meaningfully participate in ecosystem restoration activities, 2. Allows development of a regulatory program to manage discharges to Tribal Reservation lands (approx. 75,000 acres), 3. Allows for Management of a Surface Water Management System (approx 10,000 acres) to include a 900 acre Water Management Area, 4. Allows for water quality monitoring of 189,000 acres of the central Everglades, 5. Allows for an aquatic weed control program on Tribal Reservation lands (approx. 75,000 acres), 6. Allows for GIS/GPS activities to integrate data collection with resource management, 7. This project provides for improved management of flows and quantity distribution as well as enhanced water quality benefits, both on and off Reservation lands.

Project Synopsis: The project involves a holistic approach to surface-water resources management within the Federal Reservation, Miccosukee Leased Lands and Miccosukee Reserved Area (approx 265,000 acres total). It includes field surveying of canals and levees, engineering design, ditch excavation, installation of water control structures, aquatic weed control, collection and analysis of water quality data, and integration of GIS/GPS data into management data bases. This project allows the Tribe to participate in a meaningful way in the restoration activities while monitoring the success of multiple agency activities (rights protection).

Cost: Total: \$25,200,000.00 (\$2.1 Million annually)
Project Development : This project cost is based on a ten (10) year program with annual costs to operate the Miccosukee Water Resources Management being \$2,100,000.00
Land Acquisition:
Project Schedule: The project is based on a ten year schedule. If restoration activities extend beyond ten years, additional funding will be needed.
Start Date: No funding to date 8/19/03.
Finish Date: Completion of Restoration Activities
Gantt Chart:

Detailed Project Budget Information

	Thru 1999	2000	2001	2001	2003	2004	Balance to complete	Total
Federal								
State								
Tribal								
Local								
Other								
Total								

DATA SHEET PROFILE

Project Name: S-5A Basin Runoff Diversion Works
Project ID: 1713
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Reduce phosphorus levels before it enters the Everglades Protection Area (EPA).

Project Synopsis: S-5A Basin Runoff Diversion Works is located in western Palm Beach County at the confluence of the Hillsboro and Ocean Canal in the Everglades Agricultural Area (EAA). The project is required to divert flow from the S-5A Basin into STA-2 for treatment. This will require the enlargement of approximately 17 miles of the Hillsboro and Ocean Canals and the construction of a water control structure (G-341).

*** Cost (Estimate):**

Total:	\$ 14,210,274
(1) Project Development:	\$ 408,815
Land Acquisition:	\$ 1,902,688
(2) Implementation:	\$ 11,283,641
Operations and Maintenance:	\$ 615,130

Project Schedule:

Expected Completion Date: September 2005

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

* Detailed Project Budget Information

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$11,083,546	\$89,703	\$529,120	\$1,987,905	\$49,000	\$54,000	\$417,000	\$14,210,274
Tribal								
Local								
Other								
Total	\$11,083,546	\$89,703	\$529,120	\$1,987,905	\$49,000	\$54,000	\$417,000	\$14,210,274

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.
- (21) Project Development includes Design Phase [contracts & staff costs] costs.
- (22) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6454

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project name: Seminole Tribe Best Management Practices for the Big Cypress Reservation
Project ID: 1714
Lead Agency: Seminole Tribe of Florida
Authority: Tribal Resolution

Strategic Plan Goal(s) Addressed:

Getting the water right to water quality.

Measurable Output(s):

The project will result in immediate, measurable improvements in the quality of water discharged to the Everglades Protection Area. It will also provide tangible improvement of the water quality leaving the Western Basins, an area not addressed completely by the Everglades Construction Project and the Everglades Forever Act.

Project Synopsis:

The Seminole Tribe has contracted with the NRCS to implement a comprehensive system of best management practices (BMP's) for all seven basins in the Big Cypress Reservation. Enhanced water management will be accomplished through BMP's that include: conservation irrigation systems; nutrient loading reduction; application procedure training; fencing of WRA's and irrigation cells as detailed in the Water Conservation Plan; cross fencing for grazing management; livestock watering facilities; grazing management plans; closed-end irrigation systems; and will function independently of the Water Conservation Project, the two will work best together to create the most benefit for the ecosystem.

Cost:	Total	4,779,000
	Project Development	
	Land Acquisition	
	Implementation	
	Operations and maintenance	

Project Schedule:

Start Date:	June 1996
Finish Date:	December 2008

Detailed Project Budget Information

	2004	2005	2006	2007	2008	Balance to complete	Total
Federal	358,425	358,425	358,425	358,425	358,425	1,792,125	3,584,250
State							0
Tribal	119,475	119,475	119,475	119,475	119,475	597,375	1,194,750
Total							4,779,000

DATA SHEET PROFILE

Project name: Seminole Tribe Best Management Practices for the Brighton Reservation
Project ID: 1715
Lead Agency: Seminole Tribe of Florida
Authority: Tribal Resolution

Strategic Plan Goal(s) Addressed: Getting the water right – water quality.

Measurable Output(s):

Implementation of BMP's will provide immediate water quality benefits for the watershed which includes Lake Okeechobee. They will also compliment a comprehensive system of surface water management works planned for the Brighton Reservation.

Project Synopsis:

The Seminole Tribe has contracted with NRCS to design a comprehensive system of best management practices (BMP's) for the Brighton Reservation. Enhanced water management will be accomplished through application of field-level BMP's which might include: conservation irrigation systems; nutrient loading reduction; application procedure training; cross-fencing for grazing management; livestock watering facilities; grazing management plans; closed-end irrigation systems; and a tail-water recovery system where appropriate.

Cost:	Total	338,000
	Project Development	
	Land Acquisition	
	Implementation	
	Operations and maintenance	

Project Schedule:

Start Date: January, 1998
Finish Date: December, 2008
Gantt Chart:

Detailed Project Budget Information

	2004	2005	2006	2007	2008	Balance to complete	Total
Federal	36,000	36,000	36,000	36,000	36,000	180,000	253,500
State							0
Tribal	12,000	12,000	12,000	12,000	12,000	60,000	84,500
Total							338,000

DATA SHEET PROFILE

Project name: Seminole Tribe Comprehensive Surface Water Management System for the Brighton Reservation
Project ID: 1716
Lead Agency: Seminole Tribe of Florida
Authority: Tribal Council by Resolution

Strategic Plan Goal(s) Addressed:

Restore and enhance the natural system protecting natural habitats.

Getting the water right to restore a more natural water flow to the regions while providing adequate water supplies, water quality, and flood control.

Measurable Output(s):

This plan would provide positive water management benefits to the Indian Prairie Basin which discharges into Lake Okeechobee.

■ Water quality will be improved by reducing nutrient loadings through detaining discharges from Tribal lands in each group.

■ Flood control will be enhanced through the implementation of additional sites in each sub-basin.

Storage and conveyance of surface waters will be increased and enhanced in each and between sub-basins.

Rehydration of slough systems in each group will also be accomplished.

Project Synopsis:

A comprehensive surface water management system will be designed and implemented for the Brighton Reservation which will include supplemental irrigation, storage, improved flood control, surface water conveyance and water quality treatment.

Cost:	Total	15,818,000
	Project Development	
	Land Acquisition	
	Implementation	
	Operations and maintenance	

Project Schedule:

Start Date:	1999
Finish Date:	2010

Detailed Project Budget Information

	2004	2005	2006	2007	2008	Balance to complete	Total
Federal	20,000	4,344,000	970,000	679,000	853,000	6,866,000	8,374,000
State							0
Tribal	0	4,343,000	970,000	679,000	852,000	6,844,000	7,444,000
Total							15,818,000

DATA SHEET PROFILE

Project name: Seminole Tribe Water Conservation Project for the Big Cypress Reservation
Project ID: 1717
Lead Agency: Seminole Tribe of Florida
Authority: Tribal Council Resolution / USDA WRP / PL-53-866 UDSA

Strategic Plan Goal(s) Addressed:

Transform the built environment to develop to improve the quality of life while restoring the natural environment.

To preserve natural habitats by providing a more natural water flow to the regions while providing adequate water supplies, water quality, and flood control.

Measurable Output(s):

This network of surface water management structures will produce the following substantial restoration, preservation, and protection benefits and will do so immediately and independently of the completion of any other projects:

- Remove phosphorus and other pollutants from water leaving the Reservation and flowing to the Big Cypress National Preserve into Mullet Slough to the Everglades Protection Area. The removal of these pollutants will be achieved using natural treatment processes in pretreatment cells and water resource areas (WRA's). Unlike the stormwater treatment areas in the Everglades Construction Project, the Tribe's WRA's will take advantage of the natural treatment processes and will serve additional functions of water storage and conveyance.
- Rewater the Big Cypress National Preserve. This project will provide the opportunity to restore more natural hydroperiods in the Big Cypress National Preserve. The clean water sent in a sheetflow over the Preserve and into Mullet Slough will improve the hydrology in the Everglades Protection Area as well.
- Convey and store irrigation water. To make use of water provided by the SFWMD to replace the Tribe's diverted Compact water rights, the Tribe needs to be able to move and store such water, when it is available. Water conveyance improvements and irrigation storage cells will move and store the Compact water converted for Everglades restoration. This diversion allowed for treatment of water flowing to the Everglades Protection Area.
- Provide improved flood control. To prevent extended periods of flooding and to limit downstream impacts of flooding, stormwater must be controlled. Stormwater attenuation areas will detain water from large storm events.

Project Synopsis:

The Seminole Tribe's Big Cypress Reservation is located in Hendry and Broward Counties, directly north of the Big Cypress National Preserve. And the federal Miccosukee Reservation. This project provides for the design and construction of water control, management, and treatment facilities in Basins 5, 6 & 7 composing the eastern portion of the Big Cypress Reservation. The project elements include conveyance systems, including major canal bypass structures, irrigation storage cells, and water resources areas. This project is designed to meet 50 ppb. phosphorus, which is the current performance level designed to be achieved by the Everglades Construction Project. Should design performance levels for phosphorus become more stringent, this project is designed to be able to incorporate additional technology to meet stricter levels. This project will enhance the hydroperiod in Big Cypress National Preserve through Mullet Slough and improve the water quality in the Everglades Protection Area.

Cost: Total 49,000,000
Project Development
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:

Start Date: 2002
Finish Date: 2012

Detailed Project Budget Information

	2004	2005	2006	2007	2008	Balance to complete	Total
Federal	1,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,000,000	36,000,000
State							0
Tribal	0	1,625,000	1,625,000	1,625,000	1,625,000	13,000,000	13,000,000
Total							49,000,000

DATA SHEET PROFILE

Project name: South Florida Water Quality Protection Program and CERP Numeric Targets and Loading Analyses
Project ID: 1718
Lead Agency: Florida Department of Environmental Protection
Authority: Chapters 373, and 403, Florida Statutes

Strategic Plan Goal(s) Addressed: Goal 1, Get the Water Right

Project A - South Florida Water Quality Protection Program

Measurable Output(s): Implementation Plan and ultimately water quality improvements. Phase I- Create document that compiles information on existing water quality protection strategies and impacts in South Florida; Phase II – Comprehensive implementation plan, with costs; Phase III – Implement the plan.

Project Synopsis: Provide integration of water quality protection efforts, including the CERP and TMDL process, at all geographical scales; Develop a compendium of the existing water quality protection strategies in South Florida; Summarize existing water quality information to determine trends and provide an overview of the sub-basin's environmental health; and Determine major pollutant sources in each sub-basin and actions currently being taken to address these sources.

The South Florida Water Quality Protection Program will recommend priority corrective actions and compliance schedules to address point and nonpoint source pollution and restore and maintain the chemical, physical and biological integrity within the south Florida ecosystem.

Cost: Total: \$380509
Project Development: unknown
Land Acquisition: unknown
Implementation: unknown
Operations and maintenance: unknown

Project Schedule:

Start Date: 1999

Finish Date: Phase 1 and 2: February 2003, Phase 3, upon completion

Project B - CERP Numeric Targets and Loading Analyses

Measurable Output(s):

Goal 1 – FDEP staff will provide timely guidance on water quality characterization issues that arise in the process of developing Project Implementation Reports for CERP components with water quality enhancement features.

Goal 2 – FDEP staff, with the assistance of outside contractors, will help develop scientifically based numeric water quality targets in southern Florida for water quality parameters of concern in waterbodies that lack numeric criteria in state water quality standards.

Goal 3 – FDEP staff, with the assistance of outside contractors, will use the Total Maximum Daily Load process to identify basin pollutant loading information and to help identify optimum pollutant loading in watersheds that will be effected by CERP implementation. This information will help put CERP load reductions into context of other necessary load reductions such as Best Management Practices and permit reductions. This information may also serve as a logical starting point for future FDEP TMDL efforts when the 303d schedule calls for TMDL development.

Project Synopsis:

The purpose of this grant amendment is to try and mesh the State's responsibilities under Section 303d and 305b of the Clean Water Act with the ongoing implementation schedule for the Comprehensive Everglades Restoration Plan. The current schedule for the Rotating 5-Year Watershed Approach of the Bureau of Watershed Management does not fit well in all instances with the CERP schedule. This funds made available by EPA will help provide necessary staff and contractual resources to mesh the two programs in a timely fashion.

DATA SHEET PROFILE

Cost: Total: \$470,999
Project Development: unknown
Land Acquisition: none
Implementation: unknown
Operations and maintenance: unknown

Project Schedule:
Start Date: May 2001
Finish Date: September 2003

Detailed Project Budget Information

	2001	2002	2003	Total
Federal	\$198931.9	\$216000	\$370806	\$785738
State	\$32886	\$16443	\$16443	\$65772
Tribal				
Local				
Other				
Total	\$231817.9	\$232443	\$387249	\$851510

DATA SHEET PROFILE

Project Name: STA-1 Inflow and Distribution Works
Project ID: 1719
Lead Agency: South Florida Water Management District
Authority: Florida's Everglades Forever Act

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Reduce phosphorus levels in outflows from the STA as directed in the Everglades Forever Act.

Project Synopsis: STA-1 Inflow and Distribution Works is located in Western Palm Beach County, just north of the Water Conservation Area No. 1 (Loxahatchee National Wildlife Refuge). This project redirects the discharge from S-5A Pump Station via the L-40 and L-7 Borrow Canals to STA-1 West and STA-1 East. The project scope includes the construction of three water control structures (G-300, G-301, G-302), future water control structure G-311, and associated bypass canals, a separation levee extending from L-7 to L-40 and an inflow canal and perimeter levee leading to the STA-1W project.

*** Cost (Estimate):**

Total:	\$ 11,079,308
(1) Project Development:	\$ 986,818
Land Acquisition:	\$ -
(2) Implementation:	\$ 10,092,490
Operations and Maintenance:	\$ Included with STA-1 West

Project Schedule:

Expected Completion Date: September 2005 (including structure G-311, inflow structure for STA-1E)

	FY 1994 - FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008 - FY 2014
Project Development							
Land Acquisition							
Implementation							
Operations and Maintenance							

*** Detailed Project Budget Information**

	Actual FY 1994-02	Projected FY 2003	Projected FY 2004	Projected FY 2005	Projected FY 2006	Projected FY 2007	Balance to complete	Total
Federal								
State	\$8,555,992	\$127,650	\$1,789,211	\$606,455	-	-	-	\$11,079,308
Tribal								
Local								
Other								
Total	\$8,555,992	\$127,650	\$1,789,211	\$606,455	-	-	-	\$11,079,308

- Cost data supplied above is based on the June 2003 ECP Financial Schedules, which reflects actual expenditures and projected cost estimates through September 30, 2002.

(23) Project Development includes Design Phase [contracts & staff costs] costs.

(24) Implementation includes all Construction [contracts & contingency] and Construction Management [contracts & staff costs] costs.

Point of Contact: Mary Lou Cariello, (561) 682-6210

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Allapattah Flats/Ranch
Project ID: 2100
Lead Agency: Department of Environmental Protection/South Florida Water Management District
Authority: CARL/SOR

Strategic Plan Goal(s) Addressed: 1 and 2 - Getting the Water Right,
 Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Acres Acquired

Project Synopsis: The Allapattah Flats/Ranch project covers 34,221 acres in western Martin County. The site is dominated by poorly drained flatwoods soils, which are saturated for much of the wet season. Historically, this area was a flatwoods matrix, interspersed with depression marshes and wet prairies. With the exception of the four northern sections that drain to Canal-23, the entire site drains slowly to the southeast to the South Fork of the St. Lucie River. Over the past 30 years, the project area has undergone a change in land use from native range grazing to improved pasture, sod farms, and row crops. Most of the understory has been cleared and planted in non-native pasture grasses. Most of the depression marshes remain; however, most of the wet prairies have been drained and the extreme western boundary. There is good species diversity and many large trees remain.

Restoration of Allapattah Flats will play a key role in the effort to reduce flows from C-23 into the St. Lucie Estuary. Regional attenuation facilities, or Water Preserve Areas, are proposed which would store discharges into the St. Lucie Estuary. After acquisition, about 8,000 acres of the project adjacent to C-23 would be converted to a reservoir to provide approximately 32,000 acre-feet of water storage. Estimates indicate that this would reduce wet season stormwater flows into the estuary by 39%. It is estimated that an additional 14% reduction in discharge to the estuary could be achieved by not draining the property. Completely eliminating stormwater discharges is not possible; however, significant reductions could probably be made by blocking existing drainage ditches.

The Florida Fresh Water Fish and Wildlife Commission would be the lead manager for the non-reservoir areas. The District will take the lead on all hydrologic restoration efforts.

Cost: Total: Project size 34,221. 20,446 acres have been acquired
 Project Development
 Land Acquisition: 13,775 acres remain to be acquired.
 Implementation
 Operations and Maintenance

Project Schedule:
 Start Date: 1997
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Through 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal	\$23,000							
State	\$50,700							
Tribal								
Local								
Other								
Total	\$73,700							

*This total includes Comprehensive Plan Implementation lands.

DATA SHEET PROFILE

Project Name: Atlantic Ridge Ecosystem
Project ID: 2101
Lead Agency: Florida Department of Environmental Protection/South Florida Water Management District
Authority: CARL/SOR

Strategic Plan Goal(s) Addressed: 2, Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Acres Acquired

Project Synopsis: The project area is located in southern Martin County, between I-95 and U.S. 1. The project area includes approximately 15,032 acres, which is extremely diverse ecologically. It contains large areas of forested sloughs and high quality flatwoods, as well as one of the largest remaining islands of coastal scrub. The current land use is mostly cattle grazing on unimproved pasture with intense agriculture and residential development occurring around the edges of the project area. However, the project also contains extensive wetland and upland systems. Currently, none of this project is in public ownership.

The purpose of this project is to conserve and protect the high quality habitats and to protect water quality of the South Fork of the St. Lucie River and the North Fork of the Loxahatchee River. The project area forms the headwaters to these rivers and the extensive wetland systems provide a source of groundwater base flow to both rivers. This project will conserve and protect significant habitat for endangered and threatened species such as the Florida scrub jay, the Florida sandhill crane, and the Florida scrub lizard. The area is extremely important for aquifer recharge and water supply to the coastal portion of Martin County.

Cost: Total: Project size 15,032. 12,684 acres have been acquired at a cost of \$51,318,748
Project Development
Land Acquisition: Approximately \$12.7 million for 2,348 acres remaining to be acquired
Implementation
Operations and Maintenance

Project Schedule:

Start Date: 1995
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Through 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$51,300							
Tribal								
Local								
Other								
Total	\$51,300							

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

DATA SHEET PROFILE

Project name: Babcock Ranch
Project ID: 2102
Lead Agency: FDEP
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2

Measurable Output(s): Acres acquired

Project Synopsis: The Babcock Ranch project consists of approximately 91,361 acres in Charlotte and Lee counties. Acquisition would assist in the creation of a wildlife corridor that would span from Lake Okeechobee to the Gulf of Mexico. The majority of the project area consists of mesic flatwoods with the center of the project dominated by Telegraph Swamp. This ten thousand acre swamp drains most of the project area. Portions of the project provide habitat for the endangered red-cockaded woodpecker, crested caracara, and numerous other plants and animals. The project is proposed primarily as a less-than-fee simple acquisition a portion of the project will be acquired in full fee title. The evaluation team visited the project on September 25, 2001.

The majority of the Babcock Ranch project lies in southeastern Charlotte County; a small part extends into northeastern Lee County. It is contiguous with Fred C. Babcock-Cecil M. Webb Wildlife Management Area (Babcock-Webb WMA) for approximately 6 miles (mostly Babcock Family Reserve portion; proposed Curry Lake conservation easement is contiguous for 0.75 mile) on the west, Fisheating Creek Florida Forever project for approximately 3 miles on the east, and Caloosahatchee Regional Park for approximately 1.5 miles on the south. Bright Hour Watershed conservation easement is situated approximately 12 miles to the north, Hall Ranch Florida Forever project (contiguous with Babcock-Webb WMA) is contiguous with the Babcock Family Reserve portion for approximately 3 miles (it is ca. 4 miles to the northwest of the proposed Curry Lake conservation easement), Hickey Creek Mitigation Park Wildlife and Environmental Area is located less than 1.5 miles to the south, Moya Sanctuary is located less than 1 mile east of the southeast boundary of the proposal, and the Caloosahatchee Ecoscape Florida Forever project and Okaloacoochee Slough State Forest lie 10.5 miles and 15 miles, respectively, to the southeast.

Cost: **Total:** Project size is 91,361 acres

Project Development

Land Acquisition: 91,361 acres remaining to be acquired. The 2001 tax assessed value is estimated at \$52,527,237.

Implementation

Operations and maintenance

Project Schedule:

Start Date: 2001

Finish Date: Upon completion

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$0							
Total								

DATA SHEET PROFILE

Project Name: Barfield Farms Land Acquisition
Project ID: 2103
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Primary: 2.A.1

Measurable Output(s): Target 1,367 Acres

Project Synopsis: Barfield Farms is located in extreme southwestern Hendry County, along the edge of Okaloacoochee Slough, and immediately north of the Big Cypress National Preserve. The owner proposes two sections, approximately 1,367 acres, for sale as a conservation easement. The property consists of cypress-dominated strand swamp, deep spike rush/pickerelweed marshes, and maple/cabbage palm hydric hammocks. The owner reports that panthers frequently use the property, and Florida Fish and Wildlife Conservation Commission has designated it Priority 1 panther habitat. The total project acreage is 1,367 acres. No acreage has been acquired to date.

Cost: Total	SFWMD does not make cost projections on SOR projects
Project Development	N/A
Land Acquisition	SFWMD does not make cost projections on SOR projects
Implementation	N/A
Operations and Maintenance	N/A

Project Schedule:

Start Date: 1998
Finish Date: Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to Complete	Total
Federal								
State								
Tribal								
Local								
Other								
Total								TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project name: Belle Meade
Project ID: 2104
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 1, and 2 - Get the Water Right and Restore and Enhance the Natural System

Measurable Output(s): Acres acquired

Project Synopsis: This area of 27,200 acres includes some of the most extensive examples of mature old-growth hydric pine flatwoods in southwest Florida not within other CARL projects. The hydrology of the hydric pine flatwoods and dwarf cypress communities within the project is relatively intact. Three archaeological sites have been recorded within the project boundaries, and additional sites may be present. The area is vulnerable to changes in the timing and amount of water flowing through it. Residential and commercial development spreading from Naples threatens it.

Cost: Total: Project size 27,200 acres. 17,669 acres have been acquired at a cost of \$35,088,358 million
Project Development
Land Acquisition: Assessed value of \$14.9 million for 9,531 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1993

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$35,000						\$14,300	\$47,600
Tribal								
Local								
Other								
Total	\$35,000						\$14,300	\$47,600

DATA SHEET PROFILE

Project name: Bog Bend Swamp/Holopaw Ranch
Project ID: 2105
Lead Agency: FDEP
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: Goal 2

Measurable Output(s): Acres acquired

Project Synopsis: Many kinds of wildlife in the expanses of palmetto prairies, pine flatwoods, and cypress swamps in Osceola County. The Big Bend Swamp project will acquire certain rights from landowners to maintain a link of natural lands between the Bull Creek and Three Lakes Wildlife Management Area, and help the ensure survival of caracara, red-cockaded woodpeckers, sandhill cranes, and other wildlife that require these large natural areas.

Cost: Total: Project size 54,425 acres with none acquired.
Project Development
Land Acquisition: The tax assessed value is estimated at \$28,190,776
Implementation
Operations and maintenance

Project Schedule:
Start Date: 2000
Finish Date:

Detailed Project Budget Information

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	0							
Tribal								
Local								
Other								
Total								

DATA SHEET PROFILE

Project Name: Biscayne Coastal Wetlands Land Acquisition
Project ID: 2106
Lead Agency: Miami-Dade County, Florida Communities Trust, South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Getting the Water Right
 Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 2,241 Acres

Project Synopsis: The Biscayne Coastal Wetlands are divided into three units that total 2,241 acres. The units lie east of L-31E canal, and adjacent to other protected lands acquired as part of Biscayne National Park and Homestead Bayfront Park. All are a mixture of red, black and white mangroves. The three units appear to be in good condition and relatively exotic-free, except along the western edge and along mosquito ditches, where there are Brazilian Pepper and Australian Pine. Acquisition of these areas would add another layer of protection to Biscayne National Park and provide opportunities for a better distribution of fresh water from L-31E. Miami-Dade has acquired 67 acres and has received a matching grant from the Florida Communities Trust. The SFWMD is an acquisition partner with the County and has acquired 77 acres. Some of the properties in this land acquisition project are necessary for the L-31E Flow Redistribution Project. This project falls within the conceptual boundary of the CERP - Biscayne Bay Coastal Wetlands project.

Cost: Total*	\$2,091,668 (Miami-Dade County estimate; SFWMD does not make cost projections on SOR projects)
Project Development	N/A
Land Acquisition	\$2,091,668 (Miami-Dade County estimate; SFWMD does not make cost projections on SOR projects)
Implementation	N/A
Operations and Maintenance	N/A

Project Schedule:
 Start Date: 1998
 Finish Date: Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to Complete	Total*
Federal								
State			\$153,500				\$846,500	\$1,000,000
Tribal								
Local	\$566,097				\$525,571			\$1,091,668
Other								
Total	\$566,097		\$153,500		\$525,571		\$846,500	\$2,091,668

* Miami-Dade County estimate; SFWMD does not make cost projections on SOR projects--the maximum funding currently authorized for this project is \$1 million. The total includes Comprehensive Plan Implementation lands.

[Note: State total remains unchanged; an update from Miami-Dade County may be required.]

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project name: Bombing Range Ridge
Project ID: 2107
Lead Agency: FDEP
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: Goal 2

Measurable Output(s): Acres acquired

Project Synopsis: Public acquisition of the 39,073 acre Bombing Range Ridge project will conserve and protect significant habitat for native species and endangered and threatened species. Additionally, public acquisition will provide areas, including recreational trails for natural resource based recreation.

Cost: Total: Project size 39,073 with none acquired.
Project Development
Land Acquisition: Estimated tax assessed value of \$13,674,995
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1998

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$0							
Tribal								
Local								
Other								
Total								

DATA SHEET PROFILE

Project name: Caloosahatchee Ecoscape
Project ID: 2108
Lead Agency: FDEP
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: Goal 2

Measurable Output(s): Acres acquired

Project Synopsis: The project encompasses a mosaic of wet prairie, cypress basin and dome swamp, mesic flatwoods, wet flatwoods, depressional marshes and scrub. Clearing and drainage from improved pasture development or farming have impacted the majority of the natural communities on the site. Despite the disturbed plant communities, the project provides important habitat for a variety of listed wildlife species. Most of the land is within the Barron Water Control District and canals have altered the natural hydrology to the extent that no significant natural water resources remain. Eleven archaeological sites are known from the project area; some with material dated to the archaic period.

Cost: Total: Project size 15,391 acres. 3,018 acres acquired at a cost of \$1.7 million
Project Development
Land Acquisition: Assessed value of \$18.1 million for the 12,373 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1998

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$1,700							
Tribal								
Local								
Other								
Total								

DATA SHEET PROFILE

Project name: Catfish Creek
Project ID: 2109
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: Goal 2

Measurable Output(s): Acres acquired

Project Synopsis: Catfish Creek is a diverse natural area extending over high scrub ridges, interspersed with lakes, next to the pristine shore of Lake Pierce. Natural communities include sandhill, scrub, scrubby flatwoods, mesic flatwoods, xeric hammock, bottomland hardwood forest, basin swamp, sandhill upland lake, wet flatwoods, blackwater stream, seepage slopes, and floodplain swamp, all are in excellent condition. The tract harbors at least 18 state listed rare plant and animal species. Rare or endangered animals include the bald eagle, wood stork, gopher tortoise, and scrub jay.

Cost: Total: Project size 10,609 acres. 10,149 acres have been acquired at a cost of \$47.2 million.
Project Development
Land Acquisition: 460 acres remain to be acquired.
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1990

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$47,200							
Tribal								
Local								
Other								
Total	\$47,200							

DATA SHEET PROFILE

Project name: Cayo Costa
Project ID: 2110
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2-Restore and Enhance the Natural System

Measurable Output(s): Acres acquired

Project Synopsis: The project area, involving 1,932 acres, includes Cayo Costa and North Captiva, both part of a small chain of barrier islands that provide protection for Charlotte Harbor, one of Florida's most productive estuaries. The natural communities within the project are in excellent condition and have high species diversity; some may be unique to these islands. This project contains several archaeological and historical sites. Cayo Costa Island is subdivided into small lots and is threatened by rapid residential development.

Cost: Total: Project size 1,932. 1,893 acres acquired at a cost of \$28 million
Project Development
Land Acquisition: 39 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1980

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$28,000							
Tribal								
Local								
Other								
Total	\$28,000							

DATA SHEET PROFILE

Project Name: Charlotte Harbor Estuary/Flatwoods/Cape Haze

Project ID: 2111

Lead Agency: FDEP

Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2

Measurable Output(s): Acres acquired

Project Synopsis: The project area, located northwest of Fort Myers in Charlotte and Lee Counties, includes 18,708 acres containing the largest and highest quality slash-pine flatwoods left in Southwest Florida. The area contains pockets of old growth that provide habitat for red-cockaded woodpeckers, black bears, and bald eagles, and an occasional Florida panther ranges in the area. Additionally, the tract provides habitat for rare plant communities. Several drainages flow through these flatwoods into the Charlotte Harbor Aquatic Preserve.

Cost: Total: Project size 54,281. 50,050 acres acquired at a cost of \$56.7 million

Project Development

Land Acquisition: 4,231 acres remaining to be acquired

Implementation

Operations and maintenance

Project Schedule:

Start Date: 1986

Finish Date: Upon completion

Detailed Project Budget Information

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$56.7							
Tribal								
Local								
Other								
Total	\$56.7							

DATA SHEET PROFILE

Project Name: Corkscrew Regional Ecosystem Watershed (CREW)
Project ID: 2112
Lead Agency: Florida Department of Environmental Protection/South Florida Water Management District
Authority: CARL/SOR

Strategic Plan Goal(s) Addressed: 1, and 2, Getting the Water Right
 Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 58,528 Acres

Project Synopsis: CREW covers 58,528 acres in Lee and Collier counties and is located at the top of the western Big Cypress watershed. It conveys surface water to private, state, and federally protected natural areas, including Corkscrew Swamp Sanctuary, Florida Panther National Wildlife Refuge, and the Everglades National Park. The area supports populations of at least two species of rare and endangered orchids and includes an unusual stand of dwarf bald cypress. Land management will be carried out the SFWMD and the Florida Fish and Wildlife Commission under contract with the SFWMD. The SFWMD has acquired 25,089 acres.

Hydrologic restoration of CREW will restore and protect important habitat for the Florida panther and black bear and will protect the quality of water delivered to Corkscrew Swamp Sanctuary, Florida Panther National Wildlife Refuge, ENP, and Estero Bay. NOTE: Lee County has agreed to cost share this project by purchasing properties equaling the \$10,000,000 appropriated. These properties have been turned over to SFWMD for management.

Cost:	Total*	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1991
Finish Date:	Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal		\$1,291,480	\$1,251,961	\$750,600	\$386,500			\$3,680,541
State	\$15,473,705	\$344,300	\$1,091,000	\$3,001,295	\$341,500			\$20,251,800
Tribal								
Local								
Other**	\$1,176,840		\$973,265					\$2,150,105
Total	\$16,650,545	\$1,635,780	\$3,316,226	\$3,751,895	\$728,000			TBD

*This total includes Critical CREW project lands.

** Mitigation funds

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445
 Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

DATA SHEET PROFILE

Project name: Coupon Bight/Key Deer/Big Pine Key
Project ID: 2114
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2

Measurable Output(s): Acres acquired

Project Synopsis: The project encompasses virtually all of the undeveloped land between the Coupon Bight Aquatic Preserve and the National Key Deer Refuge on Big Pine Key. It includes the only significant sources of freshwater in the lower Keys which are critical to the survival of the endangered Key Deer. The Pine Rocklands are the best remaining anywhere. The project is habitat for 24 FNAI special plant species and 41 FNAI listed animal species.

Cost: Total: Project size 3,452 acres. 1,727 acres have been acquired at a cost of \$19.2 million
Project Development
Land Acquisition: 1,725 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1985

Finish Date: Upon completion

Detailed Project Budget Information(1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$19,200							
Tribal								
Local								
Other								
Total	\$19,200							

DATA SHEET PROFILE

Project Name: Cypress Creek/Trail Ridge Land Acquisition
Project ID: 2115
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Primary: 2.A.1

Measurable Output(s): Target 13,788 Acres

Project Synopsis: Cypress Creek/Trail Ridge is in southwestern St. Lucie County. It is divided into three major tracts that lie north and south of State Road 70. Two tracts (Cypress Creek portion) are contiguous and the third (Trail Ridge) is not. The project gets its name from a large forested wetland system that once extended along the entire eastern edge of the Orlando Ridge south of Indian River County, through Allapattah Flats, and drained into the South Fork St. Lucie River. The Cypress Creek portion is also a CARL project. In 1998, St. Lucie County acquired 3,285 acres through their environmentally sensitive lands program. The total project size is 13,788 acres of which no acreage has been acquired by the state.

Cost:	Total	SFWMD will handle this acquisition project as art of the CERP IRL Project, C-23/24 Basin Component.
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date: 1997
Finish Date: Upon Completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to Complete	Total
Federal								
State								
Tribal								
Local								
Other								
Total								TBD

Refer to CERP component for acquisition schedule.

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Cypress Creek/Loxahatchee
Project ID: 2181
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 4,184 Acres

Project Synopsis: The Cypress Creek/Loxahatchee project is located in southern Martin and northern Palm Beach Counties, near lands recently acquired in Pal-Mar, and adjacent to Jonathan Dickinson State Park. It is a mixture of land uses and community types. Nearly 3,000 acres are mostly undisturbed natural area, containing a mixture of pine flatwoods, cypress swamps, depression marshes, and wet prairies. This area forms the headwaters of Cypress Creek, which drains to the Northwest Fork of the Loxahatchee River. The remainder of the site is cleared and drained for intense agriculture, including row crops and citrus. The acquisition of 3,547 acres of land was accomplished through a state and local government partnership between the SFWMD, Martin and Palm Beach Counties. The 599 acres portion of the acquisition located in Palm Beach County was approved for acquisition under the County's Environmentally Sensitive Lands program, making Palm Beach County an 83% partner in that portion.

Cost:	Total	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date: 2003

Finish Date: TBD

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to Complete	Total
Federal								
State					\$28,527,300			\$28,527,300
Tribal								
Local*					\$7,833,000			\$7,833,000
Other								
Total					\$36,360,300			TBD

Refer to CERP component for acquisition schedule.

* Includes a \$3,000,000 contribution by Martin County and \$4,833,000 made by Palm Beach County

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Devils Garden
Project ID: 2183
Lead Agency: FDEP
Authority: Florida Forever

Strategic Plan Goal(s) Addressed:

Measurable Output(s):

Project Synopsis: The Devil's Garden project is located in Hendry and Collier Counties, and is approximately 82,508 acres.

This vast project is being proposed to fill a gap in a corridor that will provide a large landscape for the federally endangered Florida panther. There are numerous records of panther use of the property for several years as well as numerous other rare and threatened plants and animals.

Cost: Total:
Project Development:
Land Acquisition: Estimated Tax Assessed value \$9.4 million
Implementation
Operations and maintenance

Project Schedule:
Start Date: 2002
Finish Date: When completed

Detailed Project Budget Information

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$0							
Tribal								
Local								
Other								
Total								

DATA SHEET PROFILE

Project Name: East Coast Buffer/Water Preserve Areas
Project ID: 2117
Lead Agency: Florida Department of Environmental Protection/South Florida Water Management District/
 U.S. Department of the Interior
Authority: CARL/ SOR

Strategic Plan Goal(s) Addressed: 1, and 2, Getting the Water Right
 Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 66,809 Acres

Project Synopsis: The East Coast Buffer/Water Preserve Areas project involves acquisition of land located along the eastern side of the Everglades Protection Area in western Palm Beach, Broward, and Miami-Dade Counties. Most of the lands in this project area are undeveloped and include a considerable amount of wetland habitat. Current land uses include very low intensity development, pastureland, and limestone mining. The original East Coast Buffer footprint was based on a land suitability analysis which selected lands primarily on the basis of those needed for controlling seepage from the Everglades.

In addition, these lands are needed to implement the Everglades restoration plans developed under the C&SF Project Comprehensive Review Study (CERP). As part of the implementation plan, portions of the project will be used to create a series of surface-water areas that are interconnected and managed as a system of marshlands, reservoirs, water quality treatment areas, and/or aquifer recharge basins. The overall purposes of the CERP projects are to: (1) hold more water in the system by controlling seepage from the Everglades; (2) capture, store, and clean up excess stormwater currently lost to tide; (3) provide a buffer between the urban area and the Everglades; and (4) protect and conserve wetlands and habitat values outside the remaining Everglades. Restoration benefits include improved water supply for restoring hydropatterns of the Everglades, improved water quality and preservation of wetland habitat.

Because of the extreme development pressure in this area, it is critical that this project be completed as quickly as possible before target parcels are developed or permitted for development. The SFWMD has acquired 21,680 acres of land within the project area.

Cost:

Total	SFWMD does not make cost projections on SOR projects
Project Development	N/A
Land Acquisition	SFWMD does not make cost projections on SOR projects
Implementation	N/A
Operations and Maintenance	N/A

Project Schedule:

Start Date:	1994
Finish Date:	Upon completion

Detailed Project Budget Information

	Through					2004	Balance to complete	Total
Federal	\$74,333,558							\$74,333,558
State	\$228,292,042							\$228,292,042
Tribal	0							
Local	\$8,276,165							\$8,276,165
Other	0							
Total	\$310,901,765							TBD

*This total includes Comprehensive Plan Implementation lands.

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Hyperlink: [http://www.dep.state.fl.us/stland/oes/carlmain.htm\\$8,276,165](http://www.dep.state.fl.us/stland/oes/carlmain.htm$8,276,165)

DATA SHEET PROFILE

Project name: Estero Bay
Project ID: 2118
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2- Restore and Enhance the Natural System

Measurable Output(s): Acres acquired

Project Synopsis: Much of the Estero Bay Project is comprised of wetlands fronting Estero Bay (mangrove swamp, salt marsh, and salt flats). These communities provide nutrients to the Bay, contributing substantially to its biological productivity. The Bay, one of the most productive estuaries in the State, supports a diversity of wildlife, including the federally endangered bald eagle. These communities provide an important nutrient for the Bay, thus contributing to biological productivity. The wetlands are in a natural condition and help maintain high quality of water in the Estero Bay Aquatic Preserve. The project also includes the largest remaining block of rosemary scrub in southwest Florida. Several archaeological sites attributed to the Calusa Indians and their prehistoric ancestors are known to be within the project area. The project is threatened by the rapid residential development in the area.

Cost: Total: Project size 16,740 acres. 8,758 acres have been acquired at a cost of \$ 13.2 million.
Project Development
Land Acquisition: 7,972 acres to be acquired
Implementation
Operations and maintenance

Project Schedule:
Start Date: 1985
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$13,200							
Tribal								
Local								
Other								
Total	\$13,200							

DATA SHEET PROFILE

Project Name: Everglades Agricultural Area (EAA) / Talisman Land Acquisition
Project ID: 2119
Lead Agency: South Florida Water Management District/U.S. Department of the Interior
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Target 51,210 Acres

Project Synopsis: The District has acquired 50,784 acres in the EAA, purchased at fair market value from willing sellers. The purpose of this project was to acquire strategically located lands in the EAA to be used for regional water storage, detention, and water quality treatment facilities. Ecosystem restoration benefits include: regional water storage that would reduce water currently lost to tide and make it available for hydropattern restoration in the Everglades; pollution prevention through reduction of phosphorus loads; reduced loading of nutrients and other pollutants through implementation of water quality treatment facilities; reduced subsidence; and avoidance of adverse flooding of WCAs and tribal lands during wet years.

Cost:	Total*	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1997
Finish Date:	Upon Completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total*
Federal	\$104,175,616							\$104,175,616
State	\$31,159,286							\$31,159,286
Tribal	0							
Local	0							
Other	0							
Total	\$135,334,602							TBD

*The total includes Comprehensive Plan Implementation lands.

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name Fakahatchee Strand
Project ID: 2120
Lead Agency: FDEP
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 1, and 2

Measurable Output(s): Acres acquired

Project Synopsis: Fakahatchee Strand is located in Collier County. Of the subtropical swamps in South Florida, Fakahatchee Strand is perhaps the most significant, being the richest in orchids and other rare tropical plants. It is the most critical to the survival of the Florida panther, and the most important for the mangrove swamps of the Ten Thousand Islands. The project area is probably the best example of the strand swamp found in the United States. It is linked hydrologically to the Everglades system and is important to the estuarine ecosystem of the Ten Thousand Islands.

Cost: Total: Project size 80,332. 61,366 acres have been acquired at a cost of \$21.8 million be acquired
Project Development
Land Acquisition: 18,966 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1980

Finish Date: Upon completion

Gantt Chart: Timeline showing bars for project development, land acquisition, implementation, operations and management. Timeline starts when project started. Use format from IFP.

Detailed Project Budget Information

	2003	2004	Balance to complete	Total
Federal				
State	\$22.8 M			
Tribal				
Local				
Other				
Total				

DATA SHEET PROFILE

Project Name: Fisheating Creek
Project ID: 2121
Lead Agency: Department of Environmental Protection and South Florida Water Management District
Authority: CARL/SOR

Strategic Plan Goal(s) Addressed: 2, Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Acres Acquired

Project Synopsis: Fisheating Creek, the only free-flowing tributary to Lake Okeechobee, is an extensive riverine swamp flowing through Glades County and emptying into the Lake. The total project area is 168,360 acres. Currently, none of this acreage is in public ownership. The project area contains relatively undisturbed upland and wetland habitats that serve as habitat for the endangered Florida Panther and a number of threatened species, including the Florida black bear, the bald eagle, the Florida scrub jay, and the Florida sandhill crane. The federally listed wood stork and state listed white ibis are known to use the area.

This acquisition will preserve the water quality and critical habitat of this large watershed. Additionally, the acquisition will provide both hydrologic and water quality benefits for Lake Okeechobee, located downstream. When states in Lake Okeechobee are high, Fisheating Creek serves as an important feeding area for wading birds, which typically use the lake marshes. Restoration requirements would be minimal if any, as most of the property remains in a natural state.

Cost: Total: Project size 168,360 acres. 59,910 acres have been acquired at a cost of \$55.6 million.
 Project Development
 Land Acquisition: 108,450 remaining to be acquired
 Implementation
 Operations and Maintenance

Project Schedule:

Start Date: 1999
 Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Through 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$55,600							
Tribal								
Local								
Other								
Total	\$55,600							

DATA SHEET PROFILE

Project name: Florida Keys Ecosystem

Project ID: 2122

Lead Agency: FDEP

Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2

Measurable Output(s): Acres acquired

Project Synopsis: This project, in conjunction with the Complete National Key Deer Refuge proposal, includes the remaining 7,611 acres of tropical hardwood hammocks and pine rocklands of significant size and quality remaining in the Florida Keys from southern Key Largo to Sugarloaf Key.

Cost: Total: Project size 7,611 acres. 2,195 acres have been acquired at a cost of \$35.9 million.

Project Development

Land Acquisition: 5,416 acres remaining to be acquired

Implementation

Operations and maintenance

Project Schedule:

Start Date: 1992

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$35,900							
Tribal								
Local								
Other								
Total	\$35,900							

DATA SHEET PROFILE

Project name: Frog Pond/L31N

Lead Agency: FDEP

Authority: CARL Program

Strategic Plan Goal(s) Addressed: 1, and 2

Measurable Output(s): Acres acquired

Project Synopsis: Lands border Everglades National Park and are considered critical to the Park's ecosystem, particularly Shark River Slough. The project's water storage capacity helps to prevent excessive flooding and serves as a recharge area for well fields in South Dade. The area is highly vulnerable to development pressure.

Cost: Total: Project size 10,600 acres. 9,703 acres have been acquired at a cost of \$83.3 million
Project Development
Land Acquisition: 897 acres remaining to be acquired.
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1982

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal	\$4,700							
State	\$78,600							
Tribal								
Local								
Other								
Total	\$83,300							

under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Half Circle L Ranch
Project ID: 2185
Lead Agency: FDEP
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2.A.1.

Measurable Output(s): Acres acquired

Project Synopsis: Located in Collier & Hendry Counties the project is approximately 11,220 acres. There are two owners and sponsored by Turrell and Associates. The project is proposed for fee simple acquisition. FNAI ranks the biological conservation priority for the project as medium high. The project is located within primary habitat zones for the Florida panther and the Florida Black bear, and compliments ongoing conservation efforts in the region.

Cost: Total:
Project Development:
Land Acquisition: To be determined
Implementation
Operations and maintenance

Project Schedule:
Start Date: 2003
Finish Date: when completed

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$0							
Tribal								
Local								
Other								
Total								

DATA SHEET PROFILE

Project Name: Hen Scratch Ranch
Project ID: 2180
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 2,880 Acres

Project Synopsis: This 2,880-acre project is located approximately 2.5 miles west of Lake June-in-Winter in Highlands County, and lies within the tributary watershed of Fisheating Creek. The site contains a variety of habitat community types, including pine flatwoods, scrub, baygall, prairie hammock, and seepage slope. A large stand of cutthroat grass, and endangered plant species, exists in a seep in Section 31. In addition, scrub jays and gopher tortoises are present. There is excellent habitat for sandhill cranes, swallowtail kites, and numerous wading birds. The natural communities are in good condition and fall within strategic habitat conservation areas for several species as identified in the Florida Fish and Wildlife Conservation Commission's 1994 Closing the Gap Report. No acres have been acquired to date.

Cost:	Total	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	2002
Finish Date:	Upon Completion

Detailed Project Budget Information*

	Through 1999	2000	2001	2002	2003	2004	Balance to Complete	Total
Federal								
State								
Tribal								
Local*								
Other								
Total								TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Indian River Lagoon Blueway
Project ID: 2124
Lead Agency: Department of Environmental Protection and South Florida Water Management District
Authority: CARL/SOR

Strategic Plan Goal(s) Addressed: 1, and 2, Getting the Water Right
Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Acres Acquired

Project Synopsis: This project consists of two tracts on Hutchinson Island, in St. Lucie County, totaling 5,136 acres. Approximately 87% of the two tracts are wetlands, dominated by red and black mangroves, with a few freshwater wetlands.

This acquisition is part of a larger effort by several counties in both the SFWMD and St. Johns River WMD to protect, preserve and restore the Indian River Lagoon. These lands represent the only two undeveloped parcels along the Indian River in St. Lucie County that are not in public ownership. Mosquito control impoundments are present on both tracts. Public ownership of these parcels would allow installation of operable water control structures that allow flushing of the mosquito control impoundments during most of the year. This flushing will provide an important source of mangrove detrital matter, which is critical to the health of the estuary. Public ownership will also prevent aerial applications of chemical pesticides for mosquito control.

In 1997, protection was expanded to include lands in Martin County as well.

Cost: Total: Project size 5,136 acres. 1,522 acres have been acquired by the state at a cost of \$16.5 million and \$3.3 million federal contribution
Project Development
Land Acquisition: 3614 acres remaining to be acquired
Implementation
Operations and Maintenance

Project Schedule:

Start Date: 1998

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Through 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal	\$3,300							
State	\$16,500							
Tribal								
Local								
Other								
Total	\$19,800							

DATA SHEET PROFILE

Project name: Juno Hills
Project ID: 2125
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2 - Restore and Enhance the Natural System

Measurable Output(s): Acres acquired

Project Synopsis: This 440-acre site in Palm Beach County contains one of the largest and best remaining examples of the now rare coastal scrub. The extremely rare four-petal pawpaw, known only from a few sites in the Southeast Florida coastal scrub, and at least three other rare species of scrub plants occur in the Juno Hills project. Such rare animals as the scrub jay, scrub lizard, gopher tortoise, and red widow spider also inhabit the scrub here. Endangered sea turtles nest on the Atlantic beach/dune portion of the property. A remnant portion of coastal hammock is located west of the dune system. Scrubby slash pine flatwoods, disturbed basin swamps, and estuarine tidal swamps cover parts of the project area.

Cost: Total: Project size 440 acres. 336 acres have been acquired at a cost of \$15 million
Project Development
Land Acquisition: 104 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1994

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$15,000							
Tribal								
Local								
Other								
Total	\$15,000							

DATA SHEET PROFILE

Project name: Kissimmee-St. Johns Connector
Project ID: 2126
Lead Agency: FDEP
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2

Measurable Output(s): Acres acquired

Project Synopsis:

Encompassing the watersheds of the Kissimmee and St. Johns Rivers, the Kissimmee-St. Johns Connector project will provide an approximately 34,668 acre hydrological and habitat connection. Though most of the area has been farmed and ranched for years many of the natural communities are in fair condition. Portions of the project provide habitat for Florida sandhill crane, crested caracara, hard ferns and numerous other plants and animals. The project is proposed primarily as a less-than-fee simple acquisition.

The project lies in northeastern Okeechobee and southwestern Indian River counties. It is contiguous with the Ordway-Whittell Kissimmee Prairie Sanctuary (OWKPS) to the west and the Fort Drum Marsh Conservation Area to the east. Kissimmee Prairie Preserve State Park lies immediately to the west of the OWKPS.

Cost: **Total:** The project consists of approximately 34,668 acres. The 2001 tax assessed value is estimated at \$28,065,895.

Project Development

Land Acquisition: 34,668 acres remaining to be acquired.

Implementation

Operations and maintenance

Project Schedule:

Start Date: 2001

Detailed Project Budget Information (\$1000)

	Exp Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$0							
Total								

DATA SHEET PROFILE

Project Name: Kissimmee River (Lower Basin) Land Acquisition
Project ID: 2127
Lead Agency: South Florida Water Management District
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 68,332 Acres

Project Synopsis: The Lower Basin project includes those lands in the historic river floodplain and along the C-38 canal in Pools B, C and D; Pool A, Chandler Slough, and Istokpoga Canal Basin; all of which are components of the Kissimmee River Restoration Project. The total project size is 68,332 acres of which 51,993 acres have been acquired.

Cost: Total*	SFWMD does not make cost projections on SOR projects
Project Development	N/A
Land Acquisition	SFWMD does not make cost projections on SOR projects
Implementation	N/A
Operations and Maintenance	N/A

Project Schedule:

Start Date: 1985
Finish Date: 2007

Detailed Project Budget Information

	Through 2002				2003	2004	Balance to complete	Total*
Federal								
State	\$37,441,682				\$1,863,000			\$39,304,682
Tribal								
Local								
Other								
Total	\$37,441,682				\$1,863,000			TBD

*Total includes lands for several components of the Kissimmee River Restoration project.

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Kissimmee River (Upper Basin) Land Acquisition
Project ID: 2128
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Getting the Water Right

Measurable Output(s): Target 36,763 Acres

Project Synopsis: In the early 1990s it was determined that not enough water would be available in the upper chain of lakes to provide year round base flow for the restored Kissimmee River. The District expanded the scope of the Kissimmee River Restoration project to include the acquisition of land around the shoreline of the Kissimmee Chain of Lakes between elevations 52.5' and 54.0', comprising approximately 37,000 acres of land.

Cost:	Total*	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date: 1990
Finish Date: 2007

Detailed Project Budget Information

	Through 2002				2003	2004	Balance to complete	Total*
Federal								
State	\$85,922,022				\$1,344,875			87,266,897
Tribal								
Local								
Other								
Total	\$85,922,022				\$1,344,875			TBD

*The total includes Kissimmee River Restoration Project Lands.

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project name: Lake Wales Ridge Ecosystem
Project ID: 2129
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2

Measurable Output(s): Acres acquired

Project Synopsis: The proposed refuge was authorized in November 1992 and would comprise 12,770 in Osceola and Polk Counties. The area forms the headwaters boundary between the Kissimmee River basin and the Peace River basin. It is the oldest terrestrial ecosystem in the southeast region of the US, and is probably the most threatened ecosystem in South Florida due to citrus conversion, residential housing construction, and commercial development. It supports 24 species of endangered, threatened, and candidate plant species as well as four threatened or endangered animal species. 12,861 acres have been acquired to date.

Cost: Total: Project size 25,400 acres. 22,696 acres acquired
Project Development
Land Acquisition: 890 acres remaining to be acquired.
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1992

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	Balance to complete	Total
Federal	\$3,200			
State	\$52,100			
Tribal				
Local				
Other				
Total	\$55,300			

DATA SHEET PROFILE

Project Name: Lake Walk-in-Water Land Acquisition
Project ID: 2130
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Primary: 2.A.1

Measurable Output(s): Target 4,615 Acres

Project Synopsis: The Lake Walk-in-Water project covers land between the northeast shore of Lake Weohyakapka (Walk-in-Water) and SR60. The retirement communities of Nalcrest and Fedhaven border the property to the west and the community of Indian Lake Estates lies to the south. The project has extensive frontage along SR60 and Lake Water-in-Water and contains a large expanse of dry prairie, interspersed with small, isolated depression marshes a very large basin marsh along the highway, and large pine stands that have grown back since being logged in the 1920s. In 1999, the District and Polk County partnered to make the initial 4,000 acre purchase. The project is historically significant to Polk of Sumica. Polk County is actively managing the property with financial assistance from the District. The total project acreage is 4,615 acres of which 4,009 acres have been acquired.

Cost: Total	SFWMD does not make cost projections on SOR projects
Project Development	N/A
Land Acquisition	SFWMD does not make cost projections on SOR projects
Implementation	N/A
Operations and Maintenance	N/A

Project Schedule:

Start Date: 1995
Finish Date: Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to Complete	Total
Federal								
State	1,975,000							
Tribal								
Local	1,975,000							
Other								
Total	3,950,000							TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Loxahatchee Slough Land Acquisition
Project ID: 2132
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 15,200 Acres

Project Synopsis: The Loxahatchee Slough Project is located in Palm Beach County and covers approximately 15,200 acres. It contains a mixture of habitat types, including pine flatwoods, cypress forest, and wet prairie. The present land use is native range. These lands are adjacent to the Loxahatchee Slough Corridor, an area that has been pledged for protection by the current landowner. The District has acquired 1,488 acres; and Palm Beach County has acquired more than 13,568 acres within their Loxahatchee Slough and Hungryland Slough Natural Areas, purchased through their Environmentally Sensitive Lands program. Palm Beach County will lead the land management effort for this project.

The purpose of this project is to provide additional wetland and upland buffer to the Loxahatchee Slough Corridor and to preserve critical foraging and nesting sites for wildlife in an area that is undergoing rapid urban development. This system is important for storing surface water runoff and providing groundwater base flow to Canal 18 and the Loxahatchee River. The slough, which is the initial headwaters of the Loxahatchee River, can also spill over to the south and contribute to the Everglades watershed under certain hydrologic conditions.

Cost:	Total	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1996
Finish Date:	Upon Completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State	\$6,475,020	\$281,655						\$ 6,756,675
Tribal								
Local	\$14,989,959	\$3,382,059	\$3,500,000	\$1,700,000	\$52,036			\$23,624,054
Other								
Total	\$21,464,979	\$3,663,714	\$3,500,000	\$1,700,000	\$52,036			TBD

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: McDaniel Ranch Land Acquisition
Project ID: 2133
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Primary: 2.A.1

Measurable Output(s): Target 7,000 Acres

Project Synopsis: McDaniel Ranch covers nearly 23,000 acres in southeastern Hendry County. Total project acreage is 7,000 acres. The property owners have approached the District about selling a conservation easement in conjunction with an application for a surface water management permit. As proposed, the conservation easement would include only those lands not required for the surface water management system. The easement would grant the McDaniel family the following rights: timber management, cattle grazing, lease hunting and eco-tourism. No acreage has been acquired to date.

Cost:	Total	SFWMD does not make cost projections on SOR project
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR project
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date: 2000
Finish Date: Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State								
Tribal								
Local								
Other								
Total								TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project name: Miami Dade County Archipelago
Project ID: 2134
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2-Restore and Enhance the Natural System

Measurable Output(s): Acres acquired

Project Synopsis: This project includes 856 acres in Miami-Dade County and contains some of the most outstanding examples of rockland hammock that remain in Miami-Dade County, as well as the best remaining examples of the highly endangered pine rockland natural community outside of Everglades National Park. The Miami Rockridge Pinelands sites located within the County's urban development boundary are considered upland and developable. All sites are zoned residential, agricultural, or general use. The trees and endemics are also sensitive to adjacent development and agricultural activities.

Cost: Total: Project size 856 acres. 461 acres have been acquired at a cost of \$26 million
Project Development
Land Acquisition: 395 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1994

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$26,000							
Tribal								
Local								
Other								
Total	\$26,000							

DATA SHEET PROFILE

Project Name: Model Lands Land Acquisition
Project ID: 2135
Lead Agency: South Florida Water Management District, Miami-Dade County
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Primary: 2.A.1

Measurable Output(s): Target 42,138 acres

Project Synopsis: The Model Lands land acquisition project is located in Miami-Dade County and encompasses the lands between US 1 and Biscayne National Park. The project area includes a variety of habitats, both freshwater and estuarine. In 1999, the SFWMD Governing Board approved the addition of 3,210 acres to the project for a total acreage of 42,138 acres. The addition lands were identified in the Restudy as necessary for treatment of stormwater from the north and L-31E Canal prior to releasing it to tide or into other project lands to the south. Most of the project lands will be included in the Biscayne Bay Coastal Wetland and C-111 North Spreader Canal CERP projects. There is a 50/50 co-operative cost share agreement between the SFWMD and Miami-Dade County for the Model Lands project. The SFWMD has acquired 4,012 acres and Miami-Dade County has acquired 6,340 acres under their Environmentally Endangered Lands program. The northern portions of the project and the areas near canals, roads, and other areas of disturbance are heavily infested with Australian Pine and Brazilian Pepper. The majority of the project area is undisturbed fresh and saltwater wetlands. These lands form a contiguous habitat corridor with Everglades National Park, Southern Glades SOR project, Biscayne National Park, Crocodile Lakes National Wildlife Refuge, and John Pennekamp State Park.

Cost:	Total	SFWMD does not make cost projections on SOR projects.
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1994
Finish Date:	2007

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State	\$2,984,171	\$127,255	\$28,100	\$0	\$231,250			\$3,370,776
Tribal								
Local*					\$4,665,353			\$4,665,353
Other								
Total	\$2,984,171	\$127,255	\$28,100	\$0	\$4,896,600			TBD

*Miami-Dade closed as of May 2003; Coordination/Confirmation of \$/acres required.

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: North Fork St. Lucie River
Project ID: 2138
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 3,800 Acres

Project Synopsis: This 3,800-acre project includes a stretch of the North Fork approximately 6 miles long, extending from the White City bridge to Canal 24. This project will extend the boundary of the existing publicly owned St. Lucie River Aquatic preserve. More than 80 percent of the project area is comprised of wetlands within the river floodplain. In addition to the river floodplain, this project includes 175 acres of high quality uplands habitat such as high hammock, pine flatwoods, and sand pine scrub.

The purpose of this project is to preserve the floodplain habitat and to protect the water quality of the St. Lucie River from rapidly encroaching urban development. Floodplain wetlands help decrease current velocities in the river, thereby attenuating flood waters. This action also facilitates recharge of the surficial aquifer and filters out nutrients, pollutants and suspended solids. This stretch of the river is classified as an Outstanding Florida Water. Boating, fishing and canoeing are actively pursued on this part of the river. Lands acquired within the project area are also within the North Fork Flood Plain Restoration component of the CERP Indian River Lagoon – South project. The District in partnership with St. Lucie County has acquired 474 acres.*

Cost:	Total:	SFWMD does not make cost projections on SOR projects.
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1988
Finish Date:	Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State	\$2,962,292							\$2,962,292
Tribal								
Local								
Other	\$340,573							\$340,573
Total	\$3,302,865							TBD

*Acquisition for this project will be completed as part of the CERP IRL-South project, North Fork Flood Plain Restoration Component.

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: North Key Largo Hammocks
Project ID: 2139
Lead Agency: FDEP
Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2

Measurable Output(s): Acres acquired

Project Synopsis: The hammocks of north Key Largo form the largest stand of West Indian tropical forest in the United States. This rapidly disappearing forest, which is called Rockland forest, supports a wide diversity of rare plant and animal species. Degraded water quality is becoming an increasing issue in Florida Bay and the Florida Keys, as natural lands are converted to residential housing and commercial development. The project area has over 10 miles of shoreline that directly influences the adjacent waters of John Pennekamp Coral Reef State Park. As in other parts of the Keys, development seriously threatens this area.

Cost: Total: Project size 4,508 acres. 362 acres have been acquired at a cost of \$6.7 million
Project Development
Land Acquisition: 4,146 acres to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1983

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$6,700							
Tribal								
Local								
Other								
Total	\$6,700							

DATA SHEET PROFILE

Project Name: North Savannas Land Acquisition
Project ID: 2140
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 930 Acres

Project Synopsis: The site contains a 930-acre remnant of the historical savannas community type in St. Lucie County. Based on an evaluation conducted for the Florida Natural Areas Inventory, this area was found to have excellent natural community diversity. Seven upland and wetland community types, including a small area of sand pine scrub, are on the property. Important water management functions of this project area include attenuating peak discharges during major storm events and water quality improvement. The site promotes recharge to the surficial aquifer, which is the primary source of potable water in St. Lucie County. The water table at this location is extremely shallow and results in the aquifer being vulnerable to surface contamination.

Acquisition of this land will help in promoting recharge and protection of the surficial aquifer from surface contamination. Once acquired, sheetflow would be improved if several shellrock roads were removed. Further, acquisition will conserve and protect feeding and breeding habitat for a number of endangered and threatened species, including the wood stork, the Florida sandhill crane, and the osprey. This site also includes the world's only known population of an undescribed mint plant (*Dicerandra sp.*).

The Florida Fresh Water Fish and Wildlife Commission would be the lead manager for the non-reservoir areas. The District will take the lead on all hydrologic restoration efforts.

Cost:	Total	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1997
Finish Date:	TBD

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State								
Tribal								
Local								
Other								
Total								TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Okaloacoochee Slough
Project ID: 2141
Lead Agency: Florida Department of Environmental Protection
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 37,210 Acres

Project Synopsis: This site contains more than 37, 210 acres in Hendry and Collier Counties. It is a major tributary to Fakahatchee Strand and Big Cypress National Preserve. It is dominated by a central slough, consisting of sawgrass marshes and wet prairies, with fringes of live oak/cabbage palm hydric hammocks. Most of the pines have been logged, but otherwise the site is pristine. Okaloacoochee Slough is critical habitat for the Florida panther. The District has acquired 34,982 acres within the project.

Some exotic treatment is needed to control minor infestations of Brazilian pepper and melaleuca. Hydrologically, the property remains undisturbed.

Cost:	Total: Total	SFWMD does not make cost projections on SOR projects.
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date: 1996
Finish Date: Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State	\$20,410,673	\$160,000						\$20,570,673
Tribal								
Local								
Other								
Total	\$20,410,673	\$160,000						TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project name: Okeechobee Battlefield

Project ID: 2142

Lead Agency: FDEP

Authority: Florida Forever Program

Strategic Plan Goal(s) Addressed: 2 and 3

Measurable Output(s): Acres acquired

Project Synopsis: The Okeechobee Battlefield project represents a portion of one of the last battles of the Second Seminole Indian war. The 55-acre project consists of improved pasture and freshwater marsh, and provides the backdrop for a yearly reenactment of the battle. The site is home to bald eagles, and offers potential habitat for the crested caracara and wood stork. The evaluation team visited the project on September 24, 2001.

The project is situated adjacent to U.S. Highway 441/98 along the northeastern rim of Lake Okeechobee, approximately five miles southeast of the town of Okeechobee in southern Okeechobee County. There are no adjacent or close by conservation lands in the FNAI database, however South Florida Water Management District lands Paradise Run and Kissimmee River are approximately 8 and 12 miles to the west, respectively. St. Lucie County's Bluefield Ranch and St. Lucie Pinelands are approximately 8.5 miles to the east, and 12 miles to the northeast, respectively.

Cost: **Total:** Project size is 55 acres.

Project Development

Land Acquisition: 55 acres remaining to be acquired. The 2001 tax assessed value is estimated at \$113,970.

Implementation

Operations and maintenance

Project Schedule:

Start Date: 2001

Finish Date: Upon completion

Detailed Project Budget Information (\$1000)

	Exp Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$0							
Total								

DATA SHEET PROFILE

Project name: Osceola Pine Savannas
Project ID: 2143
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2

Measurable Output(s): Acres acquired

Project Synopsis: The project covers an area of old beach ridges and intervening swales, with high-quality, longleaf pine flatwoods interrupted by cypress strands, cypress domes, and wet prairies. There are also extensive dry prairies and patches of oak or sand pine scrub, all of which are natural communities of the Kissimmee Prairie. Six FNAI-listed animals occur on the site, including sandhill crane, wood storks, and crested caracara.

Cost: Total: Project size 42,291 acres. 161 acres have been acquired
Project Development
Land Acquisition: 42,130 acres
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1995

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$310							
Tribal								
Local								
Other								
Total								

DATA SHEET PROFILE

Project Name: Pal Mar
Project ID: 2144
Lead Agency: South Florida Water Management District and Palm Beach County
Authority: CARL/SOR

Strategic Plan Goal(s) Addressed: 2, Restore, Preserve and Protect the Natural Habitat & Species

Measurable Output(s): Target 36,745 Acres

Project Synopsis: Pal-Mar is located in Palm Beach and Martin Counties, east of the J.W. Corbett Wildlife Management Area and west of Jonathan Dickinson State Park. The total project encompasses 36,745 acres, including some of the highest quality pine flatwoods in southern Florida in an ecotone between pine flatwoods and the treeless Everglades. It also includes high quality prairie and savanna habitat. The District in partnership with Martin County has acquired 13,111 acres. Additionally, Palm Beach County has acquired 7,347 acres to date.

The primary purpose of this project is to conserve and protect environmentally unique lands that contain native, relatively unaltered flora and fauna. Acquisition of this project will form an extensive wildlife corridor connecting Jonathan Dickinson State Park, Pal-Mar, J.W. Corbett Wildlife Management Area, and DuPuis Reserve. By protecting native flatwoods, prairies, and marshes, this project will protect critical habitat for at least four endangered bird species, including the Florida sandhill crane and Everglades snail kite, and for the endangered Florida panther.

Cost:	Total*:	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition:	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1992
Finish Date:	Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State	\$4,920,468	\$3,375			\$6,622,650			\$11,546,493
Tribal								
Local**	\$7,546,032	\$449,114	\$11,628	\$7,663	\$1,200,800			\$9,215,237
Other***			\$0	\$7,663				\$7,663
Total	\$12,466,500	\$452,489	\$11,628	\$15,326	\$7,823,450			TBD

*The total includes Comprehensive Plan Implementation lands.

**Includes a \$2,102,870 contribution by Martin County and \$7,112,367 by Palm Beach County

*** Donations; Mitigation funds

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Hyperlink: <http://www.dep.state.fl.us/stland/oes/carlmain.htm>

DATA SHEET PROFILE

Project name: Panther Glades
Project ID: 2145
Lead Agency: FDEP
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: Goal 2

Measurable Output(s): Acres acquired

Project Synopsis: The area consists of a landscape mosaic of forested uplands interspersed among forested wetland communities. The ecosystem encompassed by the project is a large landscape and watershed in south-central Hendry County that includes portions of both the Big Cypress and Kissimmee Billy Strand. The Panther Glades project is important to many wildlife species, particularly those that require extensive areas of habitat to maintain viable populations.

Cost: Total: Project size 30,186. 19,677 acres have been acquired at a cost of \$35.1 million
Project Development
Land Acquisition: 10,509 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 2001

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$35,100							
Tribal								
Local								
Other								
Total	\$35,100							

DATA SHEET PROFILE

Project Name: Paradise Run Land Acquisition
Project ID: 2146
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Getting the Water Right
 Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 4,265 Acres

Project Synopsis: This 4,265 acre project lies west of canal C-38, between Water Control Structure S-65E and Lake Okeechobee in Glades and Okeechobee Counties. Current land use is predominantly improved pasture and cattle grazing but agricultural activities in the area are intensifying as exemplified by new, nearby row crops (potatoes), sod extraction, and citrus. The remnant river run and adjacent wetlands remain largely intact but have no continuous water flow; hence water quality (especially dissolved oxygen) has become poor and organics have accumulated deeply in the remnant river run. This area consistently has greater wading bird and waterfowl use than most any area of the Kissimmee River. Its close proximity to Lake Okeechobee puts it in foraging flight distance of the large wading bird rookeries. Restoration would be fairly simple because the remnant river run and wetlands are largely intact, and water could gravity flow from Pool E (elevation 21 feet msl) one-half mile to Paradise Run (elevation 16 feet msl). The C-38 canal would be bypassed. The District has acquired 3,332 acres.

Cost:	Total*	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:
 Start Date: 1998
 Finish Date: TBD

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total*
Federal								
State	\$2,434,598	\$2,474,051						\$4,908,582
Tribal								
Local								
Other								
Total	\$2,434,598	\$2,474,051						TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445
 Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Parker – Poinciana Land Acquisition
Project ID: 2147
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Getting the Water Right, Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 1,970 Acres

Project Synopsis: Parker – Poinciana is located in Osceola and Polk counties, and is located between the Disney Wilderness Preserve and District owned lands already acquired as part of the Kissimmee Chain of Lakes SOR project along the north shore of Lake Hatchineha. It contains a variety of community types, including mesic flatwoods, a large cypress/bay head, logged over flatwoods and hydric hammock along the Lake Hatchineha shoreline. The total project acreage is 1,970 acres. No acreage has been acquired to date.

Cost: Total SFWMD does not make cost projections on SOR projects
Project Development N/A
Land Acquisition SFWMD does not make cost projections on SOR projects
Implementation N/A
Operations and Maintenance N/A

Project Schedule:

Start Date: 1996
Finish Date: Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to Complete	Total
Federal								
State								
Tribal								
Local								
Other								
Total								TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading “Major Projects”

DATA SHEET PROFILE

Project name: Pineland Site Complex
Project ID: 2148
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2, and 3

Measurable Output(s): Acres acquired

Project Synopsis: This internationally significant archaeological site was inhabited by the Calusa for over a thousand years, and includes substantial midden mounds, a burial mound, remnants of an Indian-engineered canal, and buried deposits containing organic remains. Natural habitats within the project area include tidal saltern, a tidal creek, intertidal shoreline, and a large tract of mangrove wetland. Ponds on the site are important to white ibis, egrets, herons, and wood stork.

Cost: Total: Project size 250 acres. 49 acres have been acquired at a cost of \$1.1 million
Project Development
Land Acquisition: 201 acres to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1996

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$1,100							
Tribal								
Local								
Other								
Total	\$1,100							

DATA SHEET PROFILE

Project name: Rookery Bay
Project ID: 2149
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 2 - Restore and Enhance the Natural System

Measurable Output(s): Acres acquired

Project Synopsis: This project consists of 18,721 acres in Collier County and provides an outstanding example of a subtropical estuarine system. Its mangroves shelter important nesting colonies of water birds, and feed and protect many aquatic animals, which are the foundation of a commercial and sport fishery. The natural communities associated with the estuary are relatively undisturbed and range from mangrove and marsh to flatwoods and maritime hammock. As part of the national estuarine research reserve system, Rookery Bay is representative of the West Indian biogeographic type. The area is believed to have good potential for archaeological investigations. The area is threatened by dredging and filling associated with the rapid development of the area.

Cost: Total: Project size 18,721 acres. 18,626 acres have been acquired at a cost of \$47.1 million
Project Development
Land Acquisition: 95 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1980

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State	\$47,100							
Tribal								
Local								
Other								
Total	\$47,100							

DATA SHEET PROFILE

Project name: Rotenberger-Holey land Tract
Project ID: 2150
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 1, and 2 - Get the Water Right and Restore and Enhance the Natural System

Measurable Output(s): Acres acquired

Project Synopsis: The Rotenberger/Holey Lands were historically an integral part of the Everglades hydrological system. The natural communities of the project consisted of shallow sawgrass marshes with tree islands interspersed. Much of the area has been disturbed. Restoration of the area is important to the restoration of the water quality and quantity to the Everglades.

Cost: Total: Project size 79,170 acres. 71,418 acres have been acquired at a cost of \$18.2 million
Project Development
Land Acquisition: 7,752 acres remaining to be acquired
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1984

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$18,200							
Tribal								
Local								
Other								
Total	\$18,200							

DATA SHEET PROFILE

Project Name: Shingle Creek Land Acquisition
Project ID: 2151
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 7,655 Acres

Project Synopsis: Shingle Creek Swamp is located in southern Orange and northern Osceola counties. It is a major receiving body for stormwater runoff from areas south and southwest of Orlando. The Orange County portion of the swamp is more than 1.5 miles wide, and is dominated by Cypress, Loblolly Bay, and Red Maple. Shingle Creek itself was channelized in the 1920s and it borders the eastern edge of the swamp. Most to the floodplain in Osceola County is intact, but adjacent uplands, which historically were wiregrass/longleaf pine-dominated systems, have been cleared and planted as improved pasture. As mitigation for the Orlando Beltway Southern Connector, a hydrologic restoration plan was implemented in 1995, which equalizes water levels and sheetflow across the Orange County portion of Shingle Creek Swamp. The project is 7,655 acres of which 1,329 have been acquired.

Cost: Total	SFWMD does not make cost projections on SOR projects
Project Development	N/A
Land Acquisition	SFWMD does not make cost projections on SOR projects
Implementation	N/A
Operations and Maintenance	N/A

Project Schedule:

Start Date: 1987
Finish Date: Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to Complete	Total
Federal								
State								
Tribal								
Local								
Other*	\$1,344,400							\$1,344,400
Total	\$1,344,400							TBD

*Mitigation Funds/Donations

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Six Mile Cypress I & II Land Acquisition
Project ID: 2152
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 1,966 Acres

Project Synopsis: Six Mile Cypress Slough is located in Lee County southeast of the City of Fort Myers. It extends from State Road 82 southwesterly for approximately nine miles to Ten Mile Canal. The Slough averages 1,500 feet in width, and consists of Cypress swamps, interspersed with numerous open ponds. It is ringed with pine flatwoods, transitional hardwoods, wet prairies, and stands of Melaleuca. The total project size is 1,966 acres. The SFWMD has acquired 854 acres and Lee County has acquired an additional 1,079 acres within the project.*

Cost: Total	SFWMD does not make cost projections on SOR projects
Project Development	N/A
Land Acquisition	SFWMD does not make cost projections on SOR projects
Implementation	N/A
Operations and Maintenance	N/A

Project Schedule:

Start Date: 1987
Finish Date: Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to Complete	Total
Federal								
State	\$1,975,400	\$122,600						\$2,098,000
Tribal								
Local								
Other*								
Total	\$1,975,400	\$122,600						TBD

Coordination with Lee County is required to determine acquisition cost of acres acquired.

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: South Savannas Land Acquisition
Project ID: 2154
Lead Agency: Florida Department of Environmental Protection
Authority: Save Our Rivers (SOR), Conservation and Recreation Lands (CARL)

Strategic Plan Goal(s) Addressed: Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Acres Acquired

Project Synopsis: The Savannas forms a chain of marshes and lakes that separate the inland pine flatwoods from the coastal scrub on the Atlantic Ridge in St. Lucie and Martin Counties. The State has acquired most of the lands within the project through the CARL program. The District in partnership with Martin County acquired ownership of a single 77-acre tract and transferred title to the property to the State of Florida in 1999. It is now and will continue to be managed by the Department of Environmental Protection as the Savannas Preserve.

Cost: Total: The project totals 6,046 acres which 5,278 acres have been acquired.

Project Development

Land Acquisition: 768 acres remaining to be acquired.

Implementation N/A

Operations and Maintenance N/A

Project Schedule:

Start Date: 1981

Finish Date: Upon completion

Detailed Project Budget Information*

	Through 2003	2004	2005	2006	2007	2008	Balance to Complete	Total*
Federal								
State	\$20.9 M							
Tribal								
Local								
Other								
Total	\$20.9 M							

* District/Martin County funding totaled \$3,100,000; additional State funding to be provided by DEP.

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project Name: Southern Glades Land Acquisition
Project ID: 2155
Lead Agency: South Florida Water Management District, Miami-Dade County
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Primary: 2.A.1

Measurable Output(s): Target 37,620 Acres

Project Synopsis: This 37,620-acre project is located adjacent to the C-111 Canal, between U.S. 1 and Everglades National Park. The project land is dominated by Everglades sawgrass marsh and tropical hardwood hammock. Land management will be carried out by the Fish and Wildlife Conservation Commission and the land is currently open for public use. This land is needed for the C-111 project and C-111 Spreader Canal CERP project. These projects will benefit the flow of water into Everglades National Park and Northeast Florida Bay. The SFWMD has acquired 32,791 acres and Miami-Dade County has acquired 1,147 acres within the project.

Cost:	Total	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date: 1964
 Finish Date: Upon completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total*
Federal								
State	\$12,568,988	\$242,848	\$86,600					\$12,898,436
Tribal								
Local**	\$1,364,679							
Other								
Total	\$13,933,667	\$242,848	\$86,600					TBD

*This total includes Comprehensive Plan Implementation Lands.

** Coordination with Miami-Dade County is required to confirm acres/cost estimates.

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

Additional information available at www.sfwmd.gov under the heading "Major Projects"

DATA SHEET PROFILE

Project name: Southern Golden Gate Estates
Project ID: 2156
Lead Agency: FDEP
Authority: CARL Program

Strategic Plan Goal(s) Addressed: 1 and 2

Measurable Output(s): Acres acquired

Project Synopsis: The Southern Golden Gate Estates (SGGE) encompasses an approximately 94 square mile area of sensitive environmental landscape in South Central Collier County. It is an important surface water storage and aquifer recharge area with a unique ecology of cypress, wet and dry prairie, pine flatwoods and hardwood hammock swamp communities; and includes three flowways that contribute freshwater input to the Ten Thousand Island estuary of the western Everglades watershed. The area supports a diversity of wildlife, including at least a dozen endangered and threatened vertebrates as well as a large variety of rare orchids and other air plants. The area is linked hydrologically to the Everglades ecosystem and contains remnants of two large cypress strands, the Lucky Lake and Picayune Strands. The rapid urbanization of southwest Florida is posing a continuous and increasing threat to the wildlife habitat and maintenance of water quality within SGGE. Acquisition of lands within SGGE will preserve large pieces of the South Florida ecosystem. Ultimately, this will contribute to the formation of a continuous public conservation area extending across South Florida from the Gulf Coast to approximately 10 miles from the Atlantic Ocean, protecting the Everglades ecosystem from the encroachment of residential, commercial, and industrial developments.

Cost: Total: Project size 55,247 acres. 52,105 acres have been acquired at a cost of \$98 million
Project Development
Land Acquisition: 3,142 acres remaining to be acquired.
Implementation
Operations and maintenance

Project Schedule:

Start Date: 1984

Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal	\$33,000							
State	\$65,000							
Tribal								
Local								
Other								
Total	\$98,000							

DATA SHEET PROFILE

Project Name: Twelve Mile Slough
Project ID: 2158
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 3,300 Acres

Project Synopsis: This site contains 3,300 acres in Hendry County and is tributary to the much larger and regionally significant Okaloacoochee Slough. It contains a mosaic of uplands and wetlands, as well as improved pasture areas which appear to be reverting to native range. Based on a 1993 FGFWFC report, this single-owner tract provides habitat for the endangered Florida panther. Significant restoration on the site is necessary to correct overdrainage of the wetland communities. No acreage has been acquired to date.

Restoration and protection is important because the Twelve Mile Slough is a headwater tributary to Okaloacoochee Slough, which supplies a major source of water for Fakahatchee Strand State Preserve and Big Cypress National Preserve. Surface water storage in the numerous wetlands provides for ground-water recharge of the underlying surficial aquifer and provides surface water supply to the Caloosahatchee River.

Cost:	Total:	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition :	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1998
Finish Date:	TBD

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State								
Tribal								
Local								
Other								
Total								TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

DATA SHEET PROFILE

Project Name: Upper Lakes Basin Watershed
Project ID: 2159
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 47,300 Acres

Project Synopsis: This 47,300-acre project is located at the headwaters of the Kissimmee-Okeechobee-Everglades ecosystem in Polk and Osceola Counties. The project area includes a substantial portion of Reedy Creek and Lake Marion Creek drainage basins. The land contains large expanses of endangered scrub, mesic and wet flatwoods, hydric hammock, and floodplain forest, including habitat for several threatened and endangered plants and animals. The SFWMD in partnership with Polk County has acquired 12,574 acres. SFWMD is the lead land manager.

The primary purpose of this project is to preserve this watershed which is a critical link in the restoration of the Kissimmee-Lake Okeechobee-Everglades ecosystem. Reedy Creek is the headwater drainage for Lake Russel and Cypress Lake. Peak Discharges from major storm events are modified and stored within the swamp and provide year-round base flow to these downstream lakes. The Lake Marion Creek portion of the project is of critical importance to the recharge of the Floridan Aquifer. Lake Marion serves as the headwaters to lake Marion Creek, which combines with Snell and Horse Creeks to provide a constant supply of high-quality water to Lake Hatchineha, which in turn discharges to Lake Kissimmee, and eventually the Kissimmee River and Lake Okeechobee. All three of these water bodies are primary components of the SFWMD's water management system.

Cost:	Total	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1995
Finish Date:	TBD

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State	\$9,257,908							
Tribal								
Local								
Other	\$836,049							
Total	\$10,093,957							TBD

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

DATA SHEET PROFILE

Project Name: Upper Econ Mosiac
Project ID: 2186
Lead Agency: FDEP
Authority: Florida Forever

Strategic Plan Goal(s) Addressed: Goal 2

Measurable Output(s): Acres Acquired

Project Synopsis: 32,140 acres in a region facing overwhelming threats from residential and commercial growth. Provides a large habitat in the upper Kissimmee Basin region supporting a mosaic of high quality natural communities. The project encompasses the Econlockhatchee River Swamp, an Outstanding Florida Water and headwaters of the Econlockhatchee River, which flows north and east into the St. Johns River through Orange and Seminole Counties. The project is the site of several plants of conservation concern including scrub bay, nodding pinweed, and Florida bear-grass. Rare animals include red-cockaded woodpecker, Sherman's fox squirrel, Florida sandhill crane, Florida scrub jay, and a large population of gopher tortoise.

Cost: Total: Project size 32,140. No acres acquired
Project Development:
Land Acquisition:
Implementation
Operations and maintenance

Project Schedule:
Start Date: 1996
Finish Date: Upon completion

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$0							
Tribal								
Local								
Other								
Total								

DATA SHEET PROFILE

Project Name: Water Conservation Areas 1, 2 and 3
Project ID: 2160
Lead Agency: South Florida Water Management District
Authority: Save Our Rivers (SOR)

Strategic Plan Goal(s) Addressed: Restore, Preserve and Protect the Natural Habitat and Species

Measurable Output(s): Target 103,635 Acres

Project Synopsis: The WCAs encompass approximately 867,000 acres in Broward, Dade, and Palm Beach counties in which the SFWMD holds a combination of fee and easement interests. The SOR project is designed to complete the public acquisition of the outstanding fee interests in the project area, estimated to total 50,717 acres. The SFWMD has already acquired 52,918 acres of the original estimated 103,635 acres of outstanding fee interests. Land management is carried out by the Florida Fish and Wildlife Commission and the U.S. Fish and Wildlife Service, under contract to the SFWMD.

The general purpose of these lands is to store floodwater from developed areas adjacent to the WCAs for later use during the dry season. Releases of water from the WCA's during the dry seasonal and, particularly during drought conditions are considered vital to the maintenance of adequate water levels in the coastal canals, wellfields, and Everglades national Park and for the prevention of saltwater intrusion.

Cost:	Total	SFWMD does not make cost projections on SOR projects
	Project Development	N/A
	Land Acquisition	SFWMD does not make cost projections on SOR projects
	Implementation	N/A
	Operations and Maintenance	N/A

Project Schedule:

Start Date:	1948
Finish Date:	Upon Completion

Detailed Project Budget Information

	Through 1999	2000	2001	2002	2003	Not Projected	Balance to complete	Total
Federal								
State*	\$10,321,987	\$4,150	\$2,000	\$143,300	\$2,500			\$10,473,937
Tribal								
Local								
Other								
Total	\$10,321,987	\$4,150	\$2,000	\$143,300	\$2,500			TBD

*Dollars reflect purchases associated with 9,655 acres of remaining fee interest

Point of Contact: Wanda Caffie-Simpson, (561) 682-6445

DATA SHEET PROFILE

Project name: A.R. M. Loxahatchee National Wildlife Refuge

Lead Agency: U.S. Fish and Wildlife Service

Authority: Migratory Bird Conservation Act of 1929

Project Number: 2162

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 147,016 Acres

Project Synopsis: The Arthur R. Marshall Loxahatchee NWR was established in 1951 through an agreement between the South Florida Water Management District and the U.S. Fish and Wildlife Service under the Migratory Bird Conservation Act of 1929. Acquisition is for the purposes of providing buffer to the refuge, Everglades habitats, water recharge and storage, and for habitat protection. Increasing population growth is rapidly changing the landscape, converting farmland to residential neighborhoods. Acquisition support both refuge wildlife management goals as well as CERP restoration goals.

Cost: Total \$30,119,000

Project Development

Land Acquisition \$30,119,000

Implementation

Operations and maintenance

Project Schedule:

Start Date: 1955

Finish Date: 2005

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2001	2002	2003	2004	2005	Balance to complete	Total
Federal	\$119			\$10	\$10	\$10	\$29,970	\$30,119
SFWMD								
Total								

DATA SHEET PROFILE

Project name: Big Cypress National Preserve Addition
Project ID: 2163
Lead Agency: National Park Service
Authority: Public Law 100-301

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 146,117 acres

Project Synopsis: On April 29, 1988, Public Law 100-301 established the Big Cypress National Preserve (BCNP) Addition. At that time, I-75 was being designed in such a way as to improve the natural water flow to Everglades National Park, which had been disrupted by State Road 84 (commonly known as Alligator Alley). This provided an opportunity to enhance protection of Everglades National Park, to promote protection of the endangered Florida panther, and to provide for public recreational use and enjoyment of public lands by expanding the BCNP to include those lands adjacent to Interstate 75 in Collier County north and east of the Preserve, west of the Broward County line, and south of the Hendry County line.

The purpose of the Federal acquisition is to provide significant public benefits by limiting development pressures on lands which are important both in terms of fish and wildlife habitat supporting endangered species and of wetlands which are the headwaters of the Preserve. Additionally public ownership of the lands adjacent to the Preserve would enhance the protection of the Everglades National Park while providing recreational opportunities and other public uses currently offered by the Big Cypress.

The Act provided for expansion of the Big Cypress by 146,117 acres, of which approximately 32,154 acres have been acquired by the State of Florida and an additional 85,000 acres transferred from the Collier companies as a result of the Florida/Arizona land exchange. The authorizing legislation allows the Secretary of the Interior to purchase lands within the preserve boundaries and stipulates that no improved property, as defined by the Act, nor oil and gas rights, shall be acquired without the consent of the owner, unless that property is subject to, or threatened with, uses which are, or would be, detrimental to the purposes of the Preserve. The NPS will acquire the remaining private lands, excluding qualifying exempt property, using fair market value appraisals, consistent with the enabling Act.

Cost: Total \$
 Project Development
 Land Acquisition \$
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1989

Finish Date: 2004

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal	\$17,321	\$2,171	\$1,419	\$915	\$1,297	\$3,580	\$3,580	\$
State		\$23,287						
Total	\$17,321	\$25,458	\$1,419	\$915	\$1,297	\$3,580	\$3,580	\$

All acquisitions will be consistent with authorizing Big Cypress Legislation.

Point of Contact: Carol Clark (239) 695-1102

DATA SHEET PROFILE

Project Name: Big Cypress National Preserve Private Inholdings
Project ID: 2164
Lead Agency: National Park Service
Authority: Public Law 93-440

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): 845 acres

Project Synopsis: On October 11, 1974, Public Law 93-440 established the Big Cypress National Preserve in order to assure the preservation, conservation, and protection of the natural, scenic, hydrologic, floral and faunal, and recreational values of the Big Cypress Watershed. The total size of the Preserve is 574,449 acres. The State of Florida donated 186,340 acres to establish the Big Cypress. The Federal government has acquired all but 845 acres of the remaining 387,401 acres in the original Preserve boundaries. The authorizing legislation allows the Secretary of the Interior to purchase lands within the Preserve boundaries and stipulates that no "improved" property, as defined in the Act, nor oil and gas rights, shall be acquired without the consent of the owner, unless that property is subject to, or threatened with, uses which are, or would be, detrimental to the purposes of the Preserve.

The 179 privately owned tracts are scattered throughout the Preserve. The National Park Service will acquire those tracts, excluding qualifying "improved" property, using fair market value appraisals consistent with the Act.

Cost: Total \$202,470,000
 Project Development
 Land Acquisition \$202,470,000
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1974

Finish Date: open

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal	\$180,421	0	2	2	20		\$22,025	\$202,470
SFWMD								
Total	\$180,421						\$22,025	\$202,470

All Acquisitions will be consistent with authorizing Big Cypress Legislation.

Point of Contact: Carol Clark (239) 695-1102

DATA SHEET PROFILE

Project Name: Complete Land Acquisition for Biscayne National Park
Project ID: 2165
Lead Agency: National Park Service
Authority: Public Law 96-287

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 172,924 acres

Project Synopsis: This project includes acquisition of three Ragged Keys (326 acres), one tract of submerged lands only (20 acres) and two on-shore tracts (36 acres) in Biscayne National Park. The Ragged Keys are five islands immediately adjacent to the most popular use area in the park, Boca Chita Key. Two islands were acquired through 1999. Two of the three islands remaining to be acquired are natural habitat on the islands and in the surrounding shallows. Least terns nest on land and endangered sea turtles nest on the shoreline. Both nesting sites are greatly disturbed by overflow public use of the area and developers for resort and recreational facilities have repeatedly targeted the islands. A total of 382 acres remains to be acquired.

Cost:	Total	\$33,698,612
	Project Development	
	Land Acquisition	\$33,698,612
	Implementation	
	Operations and maintenance	

Project Schedule:

Start Date: 1968
 Finish Date: 2005

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal	\$31,851						\$1,848	\$33,699
SFWMD								
Total	\$31,851						\$1,848	\$33,699

Point of Contact: Walter Chavez (305) 242-7700

THIS PROJECT SHEET WAS NOT UPDATED

DATA SHEET PROFILE

Project name: Crocodile Lake National Wildlife Refuge
Lead Agency: U.S. Fish and Wildlife Service
Authority: Endangered Species Act of 1973
Project Number: 2166

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 7,100 acres

Project Synopsis: Crocodile Lake National Wildlife Refuge was established on April 2, 1980 to preserve mangrove wetlands, tropical West Indian hardwood hammocks and open water areas on Key Largo, which are critical feeding and nesting habitat for the endangered American crocodile. The Refuge is within the designated Critical Habitat for the species and contains one-third of all crocodile nests found in Florida. The Refuge consists of about 5,300 acres of mangrove swamp, 1,200 acres of upland hardwood hammock, and 300 acres of open water. The uplands are vegetated with the last remaining remnants of unspoiled West Indian Hardwoods in the United States. The Refuge is inhabited by a number of other endangered or threatened species, most notably the eastern indigo snake, the bald eagle, the Key Largo woodrat, the Key Largo cottonmouse, and the Schaus swallowtail butterfly. The major threat to this habitat is conversion of the uplands to residential or commercial developments. The crocodile has little tolerance to human activities. Wetlands areas are less threatened, but severe alteration and damage has occurred.

Cost: Total \$19,319,000
Project Development
Land Acquisition \$19,319,000
Implementation
Operations and maintenance:

Project Schedule:

Start Date: 1979

Finish Date: 2005

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2001	2002	2003	2004	2005	Balance to complete	Total
Federal	\$13,319						\$6,000	\$19,319
SFWMD								
Total							\$6,000	\$19,319

DATA SHEET PROFILE

Project Name: East Everglades Addition to Everglades National Park
Project ID: 2167
Lead Agency: National Park Service
Authority: Everglades National Park Protection and Expansion Act of 1989 (Public Law 101-229)

Strategic Plan Goal(s) Addressed: Get the Water Right, Preserve and Protect Natural Habitats and Species

Measurable Output(s): Acres Acquired

Project Synopsis: In 1989, Congress authorized the addition to Everglades National Park of approximately 109,504 acres within an area known as Northeast Shark Slough and the East Everglades. The act also directed the Army Corps of Engineers to modify water management structures to allow the sheetflow of water and extend the hydroperiod to more closely resemble the historic Everglades. The East Everglades Addition is necessary to limit further losses suffered by the park due to habitat destruction outside former boundaries and to restore natural water-flow patterns that are critical to the ecological integrity and long-term viability of park resources. The acquisition of the East Everglades Addition lands and completion of the Modified Water Deliveries to Everglades National Park project are the most significant efforts underway to restore water deliveries to Shark Slough, the principal watershed in the park. These hydrologic improvements are crucial to restoring ecosystem productivity in the southern Everglades and maintaining adequate freshwater inflow to the downstream estuaries along the Gulf of Mexico and Florida Bay.

Cost: Total \$97,699,796

Project Schedule:

Start Date: 1990

Finish Date: 2004

	1997	1998	1999	2000	2001	2002	2003	2004
Real Estate								

Detailed Project Budget Information (\$1,000)

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal	84,199	20,000			-6,500			97,700
State	8,950							8,950
Total	93,149	20,000						106,650

DATA SHEET PROFILE

Project name: Florida Keys National Wildlife Refuge Complex (includes National Key Deer, Great White Heron, Key West refuges)

Lead Agency: U.S. Fish and Wildlife Service

Authority: Endangered Species Act (Key Deer), Executive Order 7993 (Great White Heron), Executive Order 923 (Key West)

Project Number: 2168

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 415,436 acres

Project Synopsis: Acquisitions are to protect and maintain habitat extensively used by the endangered key deer. Preservation of the major habitats for this deer through acquisition contributes to the overall faunal diversity of Florida. Negotiations have been successful and with the availability of funding, acquisition of about 500 acres (30 willing sellers) within the refuge boundary would be possible. No Name and Big Pine Keys are the two most extensively used keys in the deer's range. Other rare, endangered and 'special emphasis' species are also found here. The greatest threat to key deer habitat is habitat modifications by land clearing. Residential development is rapidly proceeding as demand increases for the dwindling supply of acreage that will support construction. Unfortunately, this same land is prime deer habitat. An observable consequence of the residential development of these lands is the incidence of deer kills by vehicle traffic. An expansion of the Refuge to acquire a system of no-development corridors assure the continued existence of habitat for deer movement throughout the island.

Cost: **Total** \$63,232,000
 Project Development
 Land Acquisition \$63,232,000
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1960

Finish Date: 2005

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	2005	Balance to complete	Total
Federal	\$28,469	\$785	\$978					\$33,000	\$63,232
SFWMD									
Total									

DATA SHEET PROFILE

Project name: Florida Panther National Wildlife Refuge (includes Ten Thousand Islands refuge)
Lead Agency: U.S. Fish and Wildlife Service
Authority: Endangered Species Act of 1973 (Florida Panther); P.L. 100-696 (Ten Thousand Islands)
Project Number: 2169

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 370,000 acres

Project Synopsis: The Florida panther is one of the most endangered mammals in the Nation, with less than 80 individuals inhabiting the Big Cypress-Everglades region. The target lands are valuable for flood water retention, water purification, and aquifer recharge, while providing high quality habitat for a wide variety of flora and fauna in addition to the panther. Most of the area is relatively inaccessible and is one the few remaining retreats for the Florida black bear. The area is diverse and interesting botanically containing rare orchids, large oaks, cypress, maples, cabbage palms and a diversity of tropical trees which form a dense canopy. The increasing human population in South Florida with its consequent urban expansion is jeopardizing the area's ecological integrity. Thus essential habitat for the survival of the Florida panther is being threatened by conversion for agricultural projects, residential development, oil field activities, lumbering and road construction. A preliminary project proposal has been developed for expansion of the Florida Panther Refuge. The ecosystem within the target boundary is absolutely essential to the survival of the Florida panther.

Cost: **Total** **\$160,233,000**
 Project Development
 Land Acquisition **\$160,233,000**
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1989

Finish Date: open

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal	\$10,233						\$150,000	\$160,233
SFWMD								
Total	\$10,233						\$150,000	\$160,233

Point of Contact: Layne Hamilton (239) 353-8442 x227

DATA SHEET PROFILE

Project name: Hobe Sound National Wildlife Refuge

Lead Agency: U.S. Fish and Wildlife Service

Authority: Endangered Species Act of 1973

Project Number: 2170

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 1,130 Acres

Project Synopsis: Hobe Sound National Wildlife Refuge was established in 1969 and presently includes 980 acres of coastal sand dunes, mangrove and sand pine-scrub habitat. The primary objective of the refuge is to maintain habitat for some of the most productive nesting areas of the endangered leatherback, green and threatened loggerhead sea turtles. Hobe Sound provides habitat and protection to eight plant and animal species listed as federal threatened or endangered. The South Florida Ecosystem Plan highlights the importance of beaches to sea turtles. One of the Plan's objectives is to prevent the further decline of candidate, threatened, and endangered species and prevent further degradation of their habitats. This project is supported by the State and local governments, the public and conservation groups, with no known opposition. There are many willing sellers of high priority habitat. Nonprofit conservation groups are involved in this project.

Cost: Total \$5,818,000

Project Development

Land Acquisition \$5,818,000

Implementation

Operations and maintenance

Project Schedule:

Start Date: 1968

Finish Date: 2004

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal	\$18						\$5,800	\$5,818
SFWMD								
Total								

DATA SHEET PROFILE

Project name: J.N. "Ding" Darling National Wildlife Refuge (includes Caloosahatchee, Island Bay, Matlacha Pass & Pine Island refuges)

Lead Agency: U.S. Fish and Wildlife Service

Authority: Migratory Bird Conservation Act; Executive Order 3299; Executive Order 943

Project Number: 2171

Strategic Plan Goal(s) Addressed: 2.A.1

Measurable Output(s): Target 8,360 acres

Project Synopsis: The J.N. "Ding" Darling National Wildlife Refuge was established in 1945 and is located in Lee County, Florida on Sanibel Island. The island is 12 miles long and is fringed with mangrove trees, shallow bays and white sandy beaches. Tourism and seasonal residential development threatened to envelop the islands private lands until a growth plan was instituted. Caloosahatchee NWR is located in Fort Myers and acquisition of lands here is necessary for the protection of the endangered West Indian Manatee. Island Bay NWR is located in the Cape Haze area of Charlotte County and includes portions of three islands. All wetlands are protected by Federal or State ownership. Matlacha Pass NWR's acquisition boundary includes all islands, wetlands and uplands lying south of the north boundary line of Township 44 South, crossing the Caloosahatchee River and running southerly and easterly to Bunch Beach. Pine Island NWR generally lies between the western boundary of Pine Island and the Coastal Islands of Cayo Costs, North Captiva and Sanibel.

Cost: **Total** \$31,252,000
 Project Development
 Land Acquisition \$31,252,000
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1945

Finish Date: 2005

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	2005	Balance to complete	Total
Federal	\$4,642		\$2,610	\$3,000	\$7,000	\$7,000	\$7,000	\$7,000	\$31,252
SFWMD									
Total									

DATA SHEET PROFILE

Project Name: NOAA South Florida Program
Project ID: 2200
Lead Agency: NOAA
Authority: Magnuson Stevens Fisheries Wildlife Conservation Act, Marine Mammal Protection Act. NMSA (16 U.S.C. §§ 1431 *et seq.*), FKNMSPA (PL 101-605), and Executive Order 13089 (Coral Reef Protection)

Strategic Plan Goal(s) Addressed: Goal 1: Get the Water Right (Quantity, Quality, Timing and Distribution), Goal 2: Restore, Preserve and Protect Natural Habitats and Species

Measurable Output(s): Physical, Water Quality and Biological Data input to CERP Monitoring and Assessment Plan, Hydrodynamic Model for South Florida Coastal Waters (Florida Bay boundary), Assessment of Critical Indicator Species (both commercial and recreational fisheries), marine mammal population health and status, research publications and contributions to the Florida Bay and Adjacent Marine Waters Syntheses and biannual symposia

Project Synopsis: Ongoing program initiated in FY96 including research, monitoring and modeling components as well as a specific Education/Outreach Component. Includes three NOAA line organizations (NOS, NMFS and OAR) as well as Florida Sea Grant.

Cost: Total: FY04 total = ca. \$5.3M
 Project Development:
 Land Acquisition:
 Implementation
 Operations and maintenance

Project Schedule:
 Start Date: 1997
 Finish Date: Ongoing

Detailed Project Budget Information

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total to Date
Federal	15.2M	4.2M	4.2M	4.2M	4.2M	4.2M	ongoing	32.0M
State	-	-	-	-	-	.4	.4 (FY05)	-
Tribal	-							
Local								
Other (Corps)						.7	Ongoing	Ongoing
Total	4.2M	4.2M	4.2M	4.2M	4.2M	5.3M	Ongoing	Ongoing

DATA SHEET PROFILE

Project Name: C&SF: CERP – Protect and Enhance Existing Wetland Systems along Loxahatchee National Wildlife Refuge including the Strazzulla Tract (OPE)
Project ID: 2300
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: 2.A.3

Measurable Output(s): Water control structures

Project Synopsis: The purpose of this feature is to provide a hydrological and ecological connection to the Loxahatchee National Wildlife Refuge and expand the spatial extent of protected natural areas. This land will act as a buffer between higher water stages to the west and lands to the east that must be drained. This increase in spatial extent will provide vital habitat connectivity for species that require large unfragmented tracts of land for survival. It also contains the only remaining cypress habitat in eastern Everglades and one of the few remaining sawgrass marshes adjacent to the coastal ridge. This is a unique and endangered habitat that must be protected as it provides essential heterogeneity function.

Cost:

Total	\$52,772,000
Project Development	\$261,000
Land Acquisition (estimated 3,384 acres)	\$12,226,000
Implementation	\$3,539,000
RE Adjustment	\$36,746,000
 Operations and maintenance	 \$90,000

Project Schedule:

Start Date: 2002
 Finish Date: 2008

	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	Total
USACE	146	100	500	500	8,380	8,380	8,380	\$26,386
SFWMD	146	100	500	500	8,380	8,380	8,380	\$26,386
Total	292	200	1,000	1,000	16,760	16,760	16,760	\$52,772

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_39.cfm

DATA SHEET PROFILE

Project Name: Winsberg Farm Wetland Restoration (OPE)
Project ID: 2301
Lead Agency: USACE/Palm Beach County
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 2.A.3

Measurable Output(s): 175 ac. Wetlands

Project Synopsis: This feature includes the construction of a 175-acre wetland east of Loxahatchee Wildlife Preserve in Palm Beach County. The feature will reduce the amount of treated water from the Southern Region Water Reclamation Facility wasted in deep injection wells by further treating and recycling the water.

Cost:

Total	\$14,140,000
Project Development	\$687,000
Land Acquisition	\$4,140,000
Implementation	\$9,313,000
Operations and maintenance	\$200,000

Project Schedule:

Start Date: 2000
 Finish Date: 2006

	2000	2001	2002	2003	2004	2005	2006
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	Total
USACE	855	500	500	2,607	2,608	\$7,070
Palm Bch Co.	855	500	500	2,608	2,607	\$7,070
Total	1,710	1,000	1,000	5,215	5,215	\$14,140

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_91.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Lakes Park Restoration (OPE)
Project ID: 2302
Lead Agency: USACE / Lee County
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 2.A.3

Measurable Output(s): 40 ac. Marsh/flow-way

Project Synopsis: This feature includes the construction of a 40-acre marsh/flowway in an abandoned rock mine, removal of exotic vegetation, and planting native vegetation on 11 acres of uplands and 9 acres of littoral zone. This feature is located in the Lee County Lakes Regional Park, upstream of Estero Bay.

Cost:

Total	\$5,166,000
Project Development	\$343,000
Land Acquisition (estimated 40 acres)	\$166,000
Implementation	\$4,657,000
Operations and maintenance	\$62,000

Project Schedule:

Start Date: 1999
 Finish Date: 2006

	1999	2000	2001	2002	2003	2004	2005	2006
Planning & Design								
Real Estate								
Construction								

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	Total
USACE	39	216	250	1,039	1,039	\$2,583
Lee County	39	215	250	1,039	1,040	\$2,583
Total	78	431	500	2,078	2,079	\$5,166

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_94.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Restoration of Pineland & Hardwood Hammocks in C-111 Basin (OPE)
Project ID: 2303
Lead Agency: USACE
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: 2.A.3

Measurable Output(s): Approximately 50 ac. Pine Rockland and Tropical Hardwood Hammock

Project Synopsis: This feature includes restoring south Florida slash pine and hardwood hammock species on a 200-foot wide strip on each side of two miles of SR 9336 from the C-111 Canal to the L-31W Borrow Canal (approximately 50 acres) and the establishment of 2, one-acre hammocks in low-lying areas on each side of the road located in Miami-Dade County.

Cost:

Total	\$600,000
Project Development	\$41,000
Land Acquisition (estimated 13,950 acres)	\$0
Implementation	\$559,000
Operations and maintenance	\$0

Project Schedule:

Start Date: 2000
 Finish Date: 2007

	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design								
Real Estate N/A								
Construction								

Detailed Project Budget Information (\$1000)

	2003	2004	2005	2006	2007	Total
USACE	0	50	50	100	100	\$300
Sponsor	0	50	50	100	100	\$300
Total	0	100	100	200	200	\$600

Hyperlink: www.evergladesplan.org/pm/projects/proj_92.cfm

DATA SHEET PROFILE

Project Name: Big Cypress National Preserve Mineral Rights
Project ID: 2400
Lead Agency: National Park Service

Strategic Plan Goal(s) Addressed: Primary: 2.A.4

Measurable Output(s): Acres Acquired

Project Synopsis: Acquire the non-Federal mineral rights on approximately 729,000 acres in the Big Cypress National Preserve. The President has made an announcement of the intent to purchase the rights from Collier Resources. The Collier family is the primary holder of mineral rights in the Preserve. The Presidents announcement did not include acquisition of other mineral rights.

Acquisition of mineral rights would protect wetlands habitat from oil and gas development activities. The goal is acquisition of all mineral rights which would preclude surface disturbance associated with mineral exploration and development in relatively pristine wetlands.

Cost: Total breakdown is unknown. For the Collier acquisition (which includes other land management agencies) the total amount is \$120 million-

Project Schedule:

Start Date: 2000

Finish Date: open

	1997	1998	1999	2000	2001	2002	2003	2004
Appraisal								
Acquisition								

Detailed Project Budget Information

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								TBD

Point of Contact: Carol Clark (239) 695-1102

Hyperlink: <http://www.nps.gov\bicy>

DATA SHEET PROFILE

Project Name: C&SF: CERP - Flow to Northwest and Central Water Conservation Area 3A (II)(RR)
Project ID: 2401
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: 2.A.4

Measurable Output(s): Increased Capacity @ P.S. G-404 / S-140; Spreader Canal @ S-140

Project Synopsis: This feature includes relocation and modifications to pump stations and development of a spreader canal system located in the northwest corner and west-central portions of Water Conservation Area 3A in western Broward County. Additional flows will be directed to the northwest corner and west central portions of Water Conservation Area 3A by increasing the capacity of the G-404 pump station, currently a part of the Everglades Construction Project, and increasing the capacity and relocating the S-140 pump station. A spreader canal system at S-140 will establish sheetflow to the west-central portion of Water Conservation Area 3A. Water quality treatment strategies were developed to fulfill the Non-Everglades Construction Project requirements of the Everglades Forever Act. If additional treatment is determined to be required as a result of future detailed planning and design work, those existing facilities would be modified to provide the necessary treatment.

Cost:

Total	\$30,877,000
Project Development	\$2,121,000
Land Acquisition (0 acres)	\$0
Implementation	\$28,756,000
 Operations and maintenance	 \$1,102,327

Project Schedule:

Start Date: 2002
 Finish Date: 2011

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Planning & Design										
Construction										

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009-2011 Balance to complete	Total
USACE	222	190	190	190	190	3,500	3,500	7,457	\$15,439
SFWMD	222	190	190	190	190	3,500	3,500	7,456	\$15,438
Total	444	380	380	380	380	7,000	7,000	14,913	\$30,877

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_11.cfm

DATA SHEET PROFILE

Project Name: South Florida Multi-Species Recovery Plan
Project ID: 2402
Lead Agency: USFWS
Authority: Endangered Species Act of 1973 (16 U.S.C. 1531-1543)

Strategic Plan Goal(s) Addressed: Primary: 2.A.4

Measurable Output(s): Number of species delisted, number of species reclassified, number of species status improving

Project Synopsis: A Multi-Species Recovery Plan (MSRP) for the threatened and endangered species of South Florida was completed in May 1999. This document was prepared to fulfill a major element of the South Florida Ecosystem Restoration Initiative. It contains information on the biology, ecology, status, trends, management, and recovery actions for 68 federally-listed species that occur in South Florida, as well as the ecology and restoration needs of 23 natural communities in this region. Implementation of the Recovery Plan is underway through the Multi-Species Recovery Implementation Team (MERIT). The focus of MERIT is on developing an implementation strategy for South Florida to prioritize the recovery and restoration actions as identified in the Multi-Species Recovery Plan, and on recommending and funding on-the-ground recovery and restoration activities. To accomplish the task of developing an implementation strategy, MERIT formed four subteams: a Landscape Subteam with expertise on GIS mapping and analysis, land conservation; a Species/Communities Subteam that provides expertise on the life history of the species and ecology of the natural communities; a Conservation Incentives Subteam that assists with strategies for accomplishing implementation; and a Florida Panther Sub-team to assist in developing a conservation strategy specific for the panther.

Two of the most significant recovery actions identified in the MSRP are the acquisition of selected acreage of land for five National Wildlife Refuges in South Florida and control of invasive exotic species such as melaluca, Brazilian pepper, Australian pine and Old World climbing fern. Additional lands for Archie Carr NWR, J.N.Ding Darling NWR, Pelican Island NWR, Lake Wales Ridge NWR and Crocodile Lake NWR as well as conservation easements for the Florida panther, are necessary for the recovery of threatened and endangered species in South Florida. The other critical component of restoration is the control of invasive exotic species which when present can render the lands unsuitable for their intended uses. Currently, over 100,000 acres of National Wildlife Refuge lands are infested with over 30 species of exotic vegetation. Over 70,000 acres of A.R.M. Loxahatchee NWR is infested with melaluca and Old world climbing fern. These areas must be cleared of infestations for the lands to provide the necessary habitat for threatened and endangered species.

Cost: Total: \$386,991,000
Project Development: \$8,000,000
Land Acquisition: \$309,973,000 (National Wildlife Refuge Land Acquisition)
Implementation: \$27,160,000
Operations and maintenance: \$49,850,000 (Exotic plant control on NWRs)

Project Schedule:
Start Date: 1994
Finish Date: 2010

DATA SHEET PROFILE

Detailed Project Budget Information (\$1000)

	Thru 1999	2000	2001	2002	2003	2004	2005	Balance to complete	Total
Federal Project implementation*	\$8,000	\$1,560	\$1,560	\$1,560	\$1,560	\$1,560	\$1,560	\$9,800	\$27,160
Land acq ¹	\$56,800	\$785	\$3,588	\$3,000	\$7,010	\$10	\$10	\$238,770	\$309,973
O&M ²	\$350	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$4,500	\$22,500	\$49,850
State									
Tribal									
Local									
Other									
Total	\$65,150	\$6,845	\$9,648	\$9,060	\$13,070	\$6,070	\$6,070	\$271,070	\$386,983

*Only funds for Project Development and Implementation- USFWS

¹ Lands acquisition for National Wildlife Refuges (NWR)

² Invasive plant and animal control on NWRs

DATA SHEET PROFILE

Project Name: WCA-2A Regulation Schedule Review
Project ID: 2403
Lead Agency: USACE
Authority: WRDA

Strategic Plan Goal(s) Addressed: Primary: 2.A.4

Measurable Output(s): Revised WCA-2A Regulation Schedule

Project Synopsis:

A revised regulation schedule was implemented for Water Conservation Area No.1 (WCA-1) (Loxahatchee National Wildlife Refuge) in 1995. The schedule was modified to improve water conditions for wading bird and snail kite habitat. Implementation of the revised regulation schedule has already shown benefits. When the WCA-1 regulation schedule modifications were approved, it was agreed that the WCA-2A regulation should also be reviewed to evaluate opportunities for similar benefits.

The purpose of the project is to evaluate the feasibility of modifying operational modifications for WCA-2A to benefit its fish and wildlife resources, without adversely impacting the area's ability to satisfy its flood control and water supply purposes. The study can be implemented with existing operational and maintenance authority. It can be funded through ongoing O&M appropriations for the Corps of Engineers. This project will be done in coordination with the Rain-Driven Operations.

Cost:

Total
Project Development
Land Acquisition
Implementation

TBD

Operation and maintenance

Project Schedule:

Start Date:
Finish Date:

	1999	2000	2001
Planning & Design			
Real Estate			
Construction			

Detailed Project Budget Information (\$1000)

	Thru 1999	2000	2001	Total
USACE				
Local				
Total				

Hyperlink: <http://www.saj.usace.army.mil/>

DATA SHEET PROFILE

Project name: Coordinate the development of management plans for top 20 south Florida exotic pest plants
Project ID: 2500
Lead Agency: NEWTT (Noxious Exotic Weed Task Team)

Goal(s) Addressed: 2.B.1

Measurable Output(s): Species assessments, prioritized list of species, develop control methods, research reports on basic species biology, management plans, assessment of success, acres of invasion reduced

Project Synopsis: Each priority species will have a management plan developed. Existing plans that have proven effective will serve as examples. Plans will be developed through multi-agency coordination and planning. Two plans will be started each year and the plans will take 18 months to complete. All twenty plans will be completed within 10-12 years. As individual plans are completed they will be incorporated into the broader invasive exotic plant strategy. Multi-agency approval of each plan will be required to ensure support and funding. Accomplishments to date have included an assessment of the key species and priorities for plan development.

Cost:	Total	\$600,000
	Project Development	\$30,000 per plan
	Land Acquisition	N/A
	Implementation	Unknown
	Operations and maintenance	Unknown

Project Schedule:

Proposed Start Date:	Spring 2001
Finish Date:	2011

Detailed Project Budget Information

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State								
Tribal								
Local								
Other								
Total								\$600,000

Point of Contact: Bob Doren (305) 348-6721

DATA SHEET PROFILE

Project name: Achieve “maintenance control*” status for Brazilian pepper, melaleuca, Australian pine and Old World climbing fern in all natural areas statewide by 2020.
Project ID: 2600
Lead Agency: NEWTT

Goal(s) Addressed: Primary: 2.B.2

Measurable Output(s): Completed plans for Old World climbing fern and Australian pine, agency integration and coordination for control of most wide-spread and serious species, implementation of all plans for these species as a coordinated program, development of control methods for Old World climbing fern, full implementation of biological control programs for Old World climbing fern, melaleuca, and Australian pine, reduction total acreage covered statewide, maintenance control for hydrilla, water hyacinth, water lettuce, Brazilian pepper, Australian pine, Old World climbing fern on all public lands, biennial assessments of success, application of planning and control techniques to additional species as plans are developed.

Project Synopsis: The beginning phase will be to complete the plan for Old World climbing fern, write one for Australian pine and organize the agencies in order to implement these species plans in the context of the broader invasive exotic plant strategy being developed. Agencies with existing programs would coordinate and organize with other agencies affected by these species but that may not be currently implementing their parts of an approved species-wide plan. Acquire complete funding to implement the multi-species control program with multi-agency integration. Partial funding through the SFWMD, FLDEP and USFWS for public lands in south Florida has been allocated and maintenance control has been achieved for melaleuca on SFWMD, NPS and identified DEP upland control sites.

Cost:	Total	\$139,078,000
	Project Development	N/A
	Land Acquisition	N/A
	Implementation	\$5,000,000 per year for 15 years
	Operations and maintenance	\$2,000,000 per year thereafter for maintenance control

Project Schedule:

Proposed Start Date: 2002
Finish Date: Achieve maintenance control 2020

Detailed Project Budget Information (1000s)

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal				10,330				
State				39,810				
Tribal								
Local				20,600				
Other								
Total				70,740			\$68,338,000	\$139,078,000

*Maintenance Control is simply defined in SS.369.22(1)(d), F.S., as applying management techniques on a continuous basis to keep non-indigenous plant populations at the lowest feasible levels.

Point of Contact: Bob Doren (305) 348-6721

DATA SHEET PROFILE

Project Name: Integration of Federal, State, and Local Agency Invasive Exotic Control Programs into Florida-wide Strategy
Project ID: 2601
Lead Agency: National Park Service

Goal(s) Addressed: Primary: 2.B.2

Measurable Output(s): The ratio of acres under maintenance control to total acres (by species)

Project Synopsis: Compilation of all Federal, State, and Local Agency programs participating in NEWTT (Noxious Exotic Weed Task Team) to develop statewide assessment and strategy for control of invasive exotic plants. Includes 5 Federal Agencies, 6 State Agencies, Actual cost reports for 26 reporting counties, estimated cost reports for 23 non-reporting counties, and one city government. This project incorporates the integration of all these Agencies under the current development and future implementation of the Strategic Plan for Managing Invasive Exotic Plants in Florida. This is the first integration of programmatic and budgetary information on a statewide basis. It includes all invasive exotic plant management programs statewide, including those related to South Florida Ecosystem Restoration, and incorporates the previous individually identified projects and programs that were part of the South Florida Ecosystem Restoration Strategic Planning effort.

Project includes the development of the Strategic Plan for Invasive Exotic Plant Management, Development of an Implementation Plan, and the first 5 years integration of individual agency programs and of implementation of the plan. Invasive exotic plant management does not have a completion date per se as management will continue as long as species are extant. However, it is estimated that the key elements of the Strategy can be implemented within 5 years and the greater proportion of the strategy should be able to be in place within 10 years with some individual recommendations taking longer. The COE is funding a special report on the Federal role in invasive species management that will include the implementation planning elements of the strategic plan for federal agencies.

Cost:	Total	TBD
	Project Development	
	Land Acquisition	
	Implementation	\$60,850,000 (Annual Requirement)
	Operations and maintenance	\$76,418,000 (Annual Requirement)

Project Schedule:

Proposed Start Date: 2000
 Finish Date: 2005 – This date is used as a guidepost to implement the key elements of the strategic plan.

Detailed Project Budget Information (Costs Reported in Millions of Dollars)

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal*		\$30.782	\$30.782	\$30.782	\$30.782	\$30.782	\$40.9	TBD
State**		\$22.436	\$22.436	\$33.436	\$33.436	\$33.436	\$19.75***	TBD
Tribal		Not Reported					Not Reported	
Local		\$23.2	\$23.2	\$23.2	\$23.2	\$23.2	Not Reported	
Total		\$76.418	\$76.418	\$87.418	\$87.418	\$87.418	\$60.65***	TBD

*Current Costs for Federal Agencies may be assumed for following years

**Current Costs for State Agencies may be assumed for following years, except FLDEP has received their requested increase for 2002

***Balance to Complete would be reduced by ~ \$11 Million in 2002 as FLDEP receives their increase that year.

****The TOTAL figure is going to be conservative as some agencies could only estimate their expenditures, others did not report theirs, and still other did not estimate shortfalls needed to complete (see below).

Florida DOF did not report estimated costs for control. The USACOE, Florida FWCC, FDOF, Local Governments, did not identify shortfalls for balance to complete.

Point of Contact: Walter Chavez (305) 242- 7700

DATA SHEET PROFILE

Project Name: C&SF: CERP - Melaleuca Eradication Project and other Exotic Plants (OPE)
Project ID: 2602
Lead Agency: USACE / SFWMD
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 2.B.4

Measurable Output(s): Increase effectiveness of biological control technologies

Project Synopsis: This feature includes: 1) upgrading and retrofitting the current quarantine facility in Gainesville, and 2) large-scale rearing of approved biological control organisms for release at multiple sites within the south Florida ecosystem.

Cost:

Total	\$5,772,000
Project Development	\$397,000
Land Acquisition	\$0
Implementation	\$5,375,000
Operations and maintenance	\$5,000

Project Schedule:

Start Date: 2003
 Finish Date: 2011

	2003	2004	2005	2006	2007	2008	2009	2010	2011
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	2003	2004	2005	2006	2007	2008	2009-2011 Balance to complete	Total
USACE	100	100	100	100	100	100	2,286	2,886
SFWMD	0	100	100	100	100	100	2,386	2,886
Total	100	200	200	200	200	200	4,672	5,772

Hyperlink: www.evergladesplan.org/pm/projects/proj_95.cfm

DATA SHEET PROFILE

Project name: Estero Bay Aquatic Preserve and Buffer Enhancement and Exotic Removal Project
Project ID: 2603
Lead Agency: FDEP
Authority: Chapter 403, Florida Statutes

Strategic Plan Goal(s) Addressed: Goal 2

Measurable Output(s): Acres of exotic plants removed

Project Synopsis:

I. Melaleuca removal: Treatment, removal, monitoring and follow-up treatment of 708 acres of Melaleuca within the 8,441 acre Estero Bay State Buffer Preserve

II. Dog Key Exotic Removal: Treatment, removal, monitoring and follow-up treatment of exotic vegetation on Dog Key, a 24 acre island within the Estero Bay Aquatic Preserve and part of the Estero Bay State Buffer Preserve with documented Calusa Indian middens/mounds

Cost: Total: \$1.05 million

Project Development:

I. Melaleuca Removal – The initial aerial treatment of 708 acres of melaleuca was completed through funding by the Bureau of Invasive Plant Management (BIPM) at a cost of approximately \$100,000.00. Only the heavily infested monoculture areas were treated, leaving untreated buffers around native plant communities. It will be necessary to hand treat these buffer areas and any unsuccessful initial treatment areas. It is anticipated that \$600,000.00 will be needed for this work. Monitoring and follow-up treatment of this large-scale treatment still needs funding. Smoke from a prescribed fire within these treatment areas (dead) would be a major problem in the Estero development area so actual removal of dead or live trees off site would be preferable. In this case, costs could exceed the \$600,000.00 figure.

II. Dog Key Exotic Removal – The initial treatment of all exotics was complete by September 2000. Monitoring and long-term maintenance will be performed by staff. Staff and volunteers removed the smaller exotics by hand and BIPM funded the treatment of the rest of the exotics through contracted work in the amount of \$10,800.00.

Implementation:

I - initial treatment completed in 2001. On the ground treatment of the buffer areas (edges of the treated areas) and any unsuccessful treatment areas should also occur toward the end of 2001 or beginning of 2002. Monitoring and follow-up treatment to continue through 2004 at an estimated cost of \$300,000.00.

Operations and maintenance: Total =2,852 acres treated at a cost \$1,129,214

Estimated at \$40,000.00 through 2004.

Project Schedule:

Start Date: 1998

Finish Date: 2004

Detailed Project Budget Information (1000s)

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$1,100							
Tribal								
Local								
Other								
Total	\$1,100							

DATA SHEET PROFILE

Project Name: Everglades National Park: Exotic Vegetation Management Program (EVMP)
Project ID: 2604
Lead Agency: Everglades and Dry Tortugas National Parks
Authority:

Strategic Plan Goal(s) Addressed: To suppress the growth and spread of invasive exotic plant species in order to restore and preserve the historic native plant communities and habitats of Everglades National Park.

Measurable Output(s): 1. Systematic Reconnaissance Flights will provide acres infested with exotics. 2. Project Data sheets will provide acres of exotics treated and a listing of the invasive exotics treated.

Program Synopsis: Exotic plants are the single most serious long-term threat to Everglades National Park. Over 250,000 acres of the park and 500,000 acres of adjacent lands are infested. Without control and management, these plants can and will continue to replace all native plant communities in the park.

Management Need: EVMP base funding of \$650,000 would support both control efforts and determinations of effective means of dealing with new exotic species. To date EVMP projects in Everglades National Park are funded entirely from contributions from outside agencies and institutions. Uncertain timing and limited duration of these funds impact the success of efforts to suppress the spread and growth of more manageable species, as well as more troublesome species.

A fully funded program would (1) complete the initial treatment of melaleuca and Australian pine in the East Everglades; (2) perform retreatment of Old World climbing fern along the Gulf Coast; (3) complete the initial treatment of Australian pine in the southeastern panhandle; (4) perform treatment of Asiatic colubrina sites along the northern fringe of Florida Bay; (5) initiate treatment of Brazilian pepper along the Gulf Coast; (6) perform the annual reconnaissance flight across the park to monitor and document exotic plant occurrence; and (7) perform initial treatment and/or retreatment of localized populations of exotic pest plants throughout the park.

Program Schedule:

Start Date: 1999

Finish Date: To be determined

Budget: See Below

DATA SHEET PROFILE

Detailed Program Budget Information

Summary of Donor Contributions to ENP

Exotic Vegetation Management Program - Everglades National Park

Budget Expenditures from
FY99-FY04

Donors

Project	FY	Acres	EPMT	FDEP	SAMP/DERM	ACOE	SFWMD	EVER/SFNRC	WASO/CCI
Lygodium	99	720					\$45,000.00	\$45,000.00	
EE	00'						\$60,000.00		
Lygodium	00'	200	\$12,500.00	\$12,500.00					
EE	01'		\$70,000.00	\$70,000.00			\$60,000.00		
Flamingo	01'	321	\$50,810.00	\$50,810.00					
EE	02'	700		\$250,000.00			\$60,000.00		
Flamingo	02'	100					\$12,000.00		
Gulf Coast	02'	874	\$59,357.00	\$38,775.00					
Lygodium	02'	210	\$13,125.00	\$13,125.00					
CSSS	02'	6000				\$284,000.00			
EE	03'	4500					\$90,000.00		
Flamingo	03'	34	\$45,000.00	\$15,000.00					
Gulf Coast	03'	20	\$20,000.00						
Lygodium	03'	2200		\$100,000.00				\$75,000.00	100,000.00
Lygodium	04'	800	\$50,000.00	\$50,000.00					
Florida Bay	04'	70	\$26,743.50	\$26,743.50					
Cape Sable	04'	925	\$76,312.50	\$76,312.50					
EE	04'				\$460,000.00		\$60,000.00		
CSSS	04'					\$284,000.00			
	Total Donor Expenditures		\$423,848.00	\$703,266.00	\$460,000.00	\$568,000.00	\$387,000.00	\$120,000.00	100,000.00
	Total Program Expenditures		\$2,762,114.00						

DATA SHEET PROFILE

Project name: Exotic Species Removal
Project ID: 2605
Lead Agency: Seminole Tribe of Florida/BIA
Authority: Tribal Resolution

Strategic Plan Goal(s) Addressed:
Restore and preserve the natural habitat.

Measurable Output(s):
Eradication and control of exotic species.

Project Synopsis:
Control growth of exotic species on the Big Cypress and Brighton reservations.

Cost:	Total	988,000
	Project Development	
	Land Acquisition	
	Implementation	
	Operations and maintenance	

Project Schedule:

Start Date: 1998

Finish Date: 2010

Gantt Chart: Timeline showing bars for project development, land acquisition, implementation, operations and management. Timeline starts when project started. Use format from IFP.

Detailed Project Budget Information

	2002	2003	2004	2005	2006	Balance to complete	Total
Federal	30,000	60,000	30,000	30,000	30,000	344,000	434,000
State							0
Tribal	20,000	70,000	70,000	70,000	70,000	464,000	554,000
Total							988,000

DATA SHEET PROFILE

Project Name: Hole-in-the-Donut
Project ID: 2606
Lead Agency: National Park Service
Authority:

Strategic Plan Goal(s) Addressed: Restore, Preserve and Protect Natural Habitats and Species

Measurable Output(s): Acres infested with Brazilian pepper

Project Synopsis: This project will restore approximately 6,000 – 7,000 acres of wetlands within Everglades National Park by removing Brazilian pepper, an invasive exotic plant species, and the disturbed substrate to limestone bedrock. Invasive exotic plants are one of the greatest long-term threats to the Everglades ecosystem. As a result of this project, approximately 6,250 acres will be restored to natural wetlands within the park as mitigation for development projects in other areas of Miami-Dade County. A vast seed source with the potential to invade and disturb other areas of the Everglades will be eradicated.

Cost: Total \$75,000,000

Project Schedule:

Start Date: 1994

Finish Date: 2017

	1997	1998	1999	2000	2001	2002	2003	2004
Construction								

Detailed Project Budget Information (\$1,000)

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Dade Co.	8,353	3,229	3,657	1,108	10,590	8,500	63,418	75,000

DATA SHEET PROFILE

Project name: Melaleuca Control (Critical) on Big Cypress National Preserve

Project ID: 2607

Lead Agency: National Park Service

Authority:

Strategic Plan Goal(s) Addressed: Primary: 2.B.4

Measurable Output(s): Acres infested with Melaleuca

Project Synopsis: Treatment, re-treatment and subsequent monitoring and evaluation of *Melaleuca quinquenervia*, an introduced species from Australia that is recognized as a serious threat to the Big Cypress/Everglades ecosystem. Removal of Melaleuca from sensitive Preserve wetlands will permit the re-establishment of native plant communities. It currently infests more than 150 square miles of Big Cypress wetlands.

Cost: Total \$1,400,000

Project Schedule:

Start Date: 1998

Finish Date: OPEN

	1997	1998	1999	2000	2001	2002	2003	2004
Treatment								
Re-Treatment								
Monitoring								

Detailed Project Budget Information

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								700
Local								700
Total	900	150	150	50	50	50	700	1,400

DATA SHEET PROFILE

Project Name: Aquatic and Upland Invasive Plant Management
Project ID: 2608
Lead Agency: FDEP
Authority: Chapter 369, F.S.

Strategic Plan Goal(s) Addressed: Goal 2

Measurable Output(s): Acres of upland and aquatic invasive plants controlled

Project Synopsis: The Bureau of Invasive Plant Management is the lead agency in Florida responsible for coordinating and funding two statewide programs controlling invasive aquatic and upland plants on public conservation lands and waterways throughout the state. The aquatic plant management program designs, funds, coordinates, and contracts invasive non-native aquatic plant control efforts in Florida's 1.25 million acres of public waters. The upland plant management program coordinates and funds invasive plant removal projects on public conservation lands which include federal, state, and local government owned lands.

Cost: Total:
Project Development:
Land Acquisition:
Implementation
Operations and maintenance

Project Schedule:
Start Date: Annual
Finish Date: continuous

Detailed Project Budget Information

	Thru 2002	2003	Proposed 2004	2005	2006	2007	Balance to complete	Total
Federal	400,000	795,458	944,000					
State	16,936,636	22,751,281	17,944,730					
Tribal	0	0	0					
Local	54,350	255,757	129,000					
Other	0	0	0					
Total	17,390,986	23,802,496	19,017,730					

DATA SHEET PROFILE

Project name: Complete an Invasive Exotic Plant Prevention, Early Detection and Eradication Plan by 2005
Project ID: 2700
Lead Agency: NEWTT/NPS/DEP

Goal(s) Addressed: 2.B.3

Measurable Output(s): “Early Warning” system for Florida to identify exotic species invasion risk, and locations of new infestations of new species or species under maintenance control, roving invasive species strike teams to assist in locating and eradicating localized population of invasive exotic species, risk-assessment system to support current state prohibitions lists and coordination with USDS-APHIS for prohibitions, support for existing control programs through identification of re-infestation of sites by existing species in maintenance control areas.

Project Synopsis: Preventing the introduction of invasive species is the only absolute means to control them, but absolute prohibitions and exclusions are impractical. An “early warning” program for potentially invasive species, a risk-assessment for evaluating possible invasiveness prior to introduction, methods for early detection of incipient populations of new species, predictive tools to assist in determining where plants may invade, and the ability to eradicate incipient populations are needed. NPS & FLDEP teams are operating and jointly funded. Additional agencies are being recruited to expand team support and coverage. Early-warning system and risk assessment protocol have not been funded.

Cost:	Total	\$5,000,000 plus O&M
	Project Development	\$4,000,000 one time
	Land Acquisition	
	Implementation	\$1,000,000 one time
	Operations and maintenance	\$2,500,000 per year

Project Schedule:

Proposed Start Date: 2001
Finish Date: Invasive Plant Strike Teams in place 2002, Completed “early-warning” system 2003, Risk-assessment system, 2004, operations and maintenance of completed system and teams 2004

Detailed Project Budget Information

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
State								
Tribal								
Local								
Other								
Total								

Point of Contact: Bob Doren - (305) 348-6721

DATA SHEET PROFILE

Project Name: Melaleuca Quarantine Facility
Project ID: 2701
Lead Agency: U.S. Department of Agriculture – Agricultural Research Service
Authority: ARS

Strategic Plan Goal(s) Addressed: Primary: 2.B.3

Measurable Output(s): Number Biological Agents Approved

Project Synopsis. Biological control agents have the potential of providing greater efficiency and improved economy. Ultimately, they may prove to be the only truly effective large-scale means of reversing and halting the effects of non-native species on the South Florida habitat. This project consists of constructing a quarantine facility to enable the testing of candidate organisms for biological control and reversal of the spread of exotic plant species.

Cost: Total: \$6,725,000
Project Development: \$1,000,000
Land Acquisition: \$0 – long term lease with University of Florida
Implementation: \$5,725,000
Operations and maintenance: not yet included in budget

Project Schedule:

Start Date: 1997
Finish Date: 2003

Detailed Project Budget Information

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal	\$1,000K		\$600K	\$3,200K	\$1,925K			\$6,725K
State								
Tribal								
Local								
Other								
Total								\$6,725K

Point of Contact: Ted Center, 954-475-0541 (USDA – ARS)

DATA SHEET PROFILE

Project Name: Florida Greenways and Trails Designation Program
Project ID: 3100
Lead Agency: FDEP – Florida Greenways and Trails
Authority: Chapter 260, F.S.; 62S-1.400, 62S-1.450, F.A.C.

Strategic Plan Goal(s) Addressed: 3.A.1.

Measurable Output(s): Target 686,610 acres

Project Synopsis: The Florida Department of Environmental Protection's, Office of Greenways and Trails guides the statewide initiative to create a system of greenways and trails connecting communities and conservation areas. When completed the trail system will connect one end of the state to the other from, Key West to Pensacola. One goal of the program is to work with landowners and managers to add an additional 1.5% per year to the total lands designated. The criteria for a designated land or waterway are that it must (1) protect and/or enhance natural, recreational, cultural or historic resources and (2) either provide linear open space or a hub or site, or promote connectivity between or among conservation lands, communities, parks, other recreational facilities, cultural sites, or historic sites. The designation program encourages voluntary partnerships in conservation, development, and management of greenways and trails, provides recognition for individual components of the system and the partners involved, and raises public awareness of the conservation and recreation benefits of greenways and trails.

Cost: Total No direct cost to state
 Project Development
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 2000
 Finish Date: Ongoing, projected through 2007-2008

Fiscal Year	1999 - 2000	2000 - 2001	2001 - 2002	2002 - 2003	2003 - 2004	2004 - 2005	2005 - 2006	2006 - 2007	2007 - 2008	Total
Acres designated	2,970	132,563	408,594	637,355						
Projected designated acres					646,915	656,618	666,467	676,464	686,610	
Total Acres:										

Detailed Project Budget Information (\$1000):

	Exp Thru 1999	2000 - 2001	2001 - 2002	2002 - 2003	2003 - 2004	2004 - 2005	2005 - 2006	2006 - 2007	2007 - 2008	Total
Federal					*					
State		4,500	4,500	45,00	4,500	4,500	4,500	4,500	4,500	36,000
Local Gov't					*					
Total		4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	36,000

Hyperlink: <http://www.floridagreenwaysandtrails.com>

Contact Name: Heather Pence 850-245-2052

DATA SHEET PROFILE

Project Name: Florida Greenways and Trails Land Acquisition Program
Project ID: 3101
Lead Agency: FDEP – Florida Greenways and Trails
Authority: Florida Forever Act (Section 259.105, Florida Statutes)

Strategic Plan Goal(s) Addressed: 3.A.1

Measurable Output(s): Acres acquired

Project Synopsis: The Florida Greenways and Trails System is guiding a statewide initiative to create a system of greenways and trails connecting communities and conservation areas. When completed the trail system will connect one end of the state to the other from, Key West to Pensacola. One goal of the program is to work with land managers to add an additional 10% per year to the total lands designated. The criteria for a designated land or waterway are that it must (1) protect and/or enhance natural, recreational, cultural or historic resources and (2) either provide linear open space or a hub or site, or promote connectivity between or among conservation lands, communities, parks, other recreational facilities, cultural sites, or historic sites. The designation program encourages voluntary partnerships in conservation, development, and management of greenways and trails, provides recognition for individual components of the system and the partners involved, and raises public awareness of the conservation and recreation benefits of greenways and trails.

The Greenways and Trails Florida Forever Acquisition Program is a competitive program that provides funding for local and regional land acquisition projects that will facilitate the establishment of a statewide system of greenways and trails. The primary mission of this program is to provide a recreational trail or greenway experience within 15 minutes of every residence and business within the state. Once acquired, the property is owned by the Board of Trustees of the Internal Improvement Trust Fund (Governor and Cabinet) and managed by state, regional and local governments.

Cost:	Total	\$4.5 million annually
	Project Development	
	Land Acquisition	\$4.5 million annually
	Implementation	
	Operations and maintenance	

Project Schedule:

Start Date:	2000
Finish Date:	2009

	FY 1999-2000	FY 2000-2001	FY 2001-2002	FY 2002-2003	FY 2003-2004	FY 2004-2005	FY 2005-2009	Total:
Planning & Design								
Real Estate (Acres)	1,480	12,244	242	1,311	1,762	1,452	TBD	TBD
Construction								

DATA SHEET PROFILE

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	2005 - 2009	Total
Federal					*			
State		4500	4500	4500	4500	4500	18,000	40,500
Local Gov't					*			
Total		4500	4500	4500	4500	4500		40,500

Contact Name: Cindy Radford 850-245-2052

Hyperlink: www.FloridaGreenwaysAndTrails.com

DATA SHEET PROFILE

Project Name: Lake Okeechobee Scenic Trail State Park
Project ID: 3102
Lead Agency: Division of Recreation and Parks. Florida Park Service
Authority: Department of Environmental Protection

Strategic Plan Goal(s) Addressed: Goal 3

Measurable Output(s):

Project Synopsis: The LOST will consist of an 11 foot wide paved trail with 3 foot wide grassed shoulder on the lake side. It will accommodate pedestrians, backpackers, bicyclists, equestrians, sightseers, naturalists, skaters, picnickers, campers and fishermen. The trail will be approximately 115 miles long.

Cost: Total: \$24,000,000
Project Development:
Land Acquisition:
Implementation
Operations and maintenance \$ 100,000.00 a year when completed

Project Schedule:

Start Date: 7/1/03
Finish Date: Completion date will depend on monies from D.E.P.

Detailed Project Budget Information (1000s)

	2003	2004	2005	2006	2007	Balance to complete	Total
Federal	6,250	6,250					12,500
State						12,500.	
Tribal							
Local							
Other							
Total						12,500	12,500

DATA SHEET PROFILE

Project Name: Agricultural Land Stewardship
Project ID: 3200
Lead Agency: Natural Resources Conservation Service, Florida Dept. of Agriculture and Consumer Services
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.A.2

Measurable Output(s): Target 96,000 acres

Project Synopsis: Develop incentives targeting farming operations that address sound land stewardship. Develop a “whole conservation planning” programs approach to meet environmental regulatory goals on private lands with the landowners on a voluntary basis. Develop “team agricultural permitting” procedures that allows government agencies to expedite and improve the agricultural permitting process and develop a marketing system that rewards producers who exceed established environmental quality standards.

Cost:

Total (projected through 2007)	\$5,200,000
Project Development	
Land Acquisition	
Implementation	
Operations and maintenance	
Management	\$5,200,000

Project Schedule:

Start Date:	2004
Finish Date:	2016

Detailed Project Budget Information:

	2004	2005	2006	2007	Total (projected through 2007)
Federal	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
State	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000
Tribal					
Local					
Other					
Total	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$5,200,000

Point of Contact: Ron Smola, 561-682-2857 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Technical Assistance to Seminole and Miccosukee Indian Reservations
Project ID: 3201
Lead Agency: Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.A.2

Measurable Output(s): Target 107,000 Acres

Project Synopsis: Assist the Seminole and Miccosukee Indian Reservations to plan and implement resource management systems on a voluntary basis to reduce nutrient loading. Assistance will be provided to each agricultural producer, at the direction of the Tribal Councils, to assist in their planning, design, application, and management of BMP's that will improve water quality and the ecological integrity of the landscape.

Cost:

Total (projected through 2006)	\$2,928,526
Project Development	
Land Acquisition	
Implementation	
Operations and maintenance	
Management	\$2,928,526

Project Schedule:

Start Date: 1998
Finish Date: 2009

	2003-2003	2004	2005	2006	Balance to Complete	Total
Federal	\$600,000	\$360,000	\$370,800	\$381,900	\$1,215,826	\$2,928,526
State						
Tribal						
Local						
Other						
Total	\$600,000	\$360,000	\$370,800	\$381,900	\$1,215,826	\$2,928,526

Point of Contact: David Legg – 561-683-0883 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Florida Keys Overseas Heritage Trail
Project ID: 3301
Lead Agency: Florida Department of Environmental Protection/ Division of Recreation and Parks.
Authority: FDEP

Strategic Plan Goal(s) Addressed: Goal 3

Florida Keys Overseas Heritage Trail Vision

The Florida Keys Overseas Heritage Trail (FKOHT) is being developed by the FDEP/DRP, the Florida Department of Transportation (FDOT) and Monroe County as a world-class, multi-use bicycle and pedestrian facility that will traverse the Florida Keys from Key Largo to Key West. A recreational greenway, that upon completion, will include an integrated system of educational kiosks, roadside picnic areas, scenic overlooks, fishing piers, water access points, and bicycle and jogging paths serving both residents and visitors to the Florida Keys. The FKOHT will link communities by providing a safe and continuous multi-use path, offer an alternative form of transportation, help mitigate congestion, promote health opportunities, and provide a mechanism for the preservation and use of the historic Flagler Railroad Bridges. The trail will also provide outstanding educational opportunities for both residents and visitors to learn about the unique history of the Florida Keys and the importance of sustainable development, by offering cultural, historical and ecological interpretation, as users traverse the historical railroad bridges and the many conservation areas between Key Largo and Key West. The trail is supported by the Florida Governor as one of the top three trails in the State of Florida.

Measurable Output(s): Miles of trails: Existing 52, Proposed 40 additional

A recreational greenway, that upon completion, will include an integrated system of educational kiosks, roadside picnic areas, scenic overlooks, fishing piers, water access points, and bicycle and jogging paths serving both residents and visitors to the Florida Keys.

Project Synopsis:

Trail Planning and Development

Spurred by concerns in the community for the future of the Old Keys Bridges and under Executive Order, the "Old Keys Bridge Task Force" report was presented to then Governor Lawton Chiles in 1997, outlining recommendations for the old Flagler Railroad bridges as a linear greenway. A similar report had been presented in 1938, to then Governor Fred Cone by the Road and Toll Authority, the State Forestry Department and the National Park Service outlining the creation of a linear park from Key Largo to Key West. In 1998, Clean Florida Keys rallied enough local support to prepare a Florida Keys Overseas Heritage Trail Conceptual plan published in January 1999, and a Florida Keys Overseas Heritage Trail Action plan published in November 1999. With a combination of local citizen support, the Rails To Trails, National Park Service, Greenways and Trails, Monroe County, the Florida Department of Environmental Protection, the Florida Department of Transportation and many other agencies, the Florida Keys Overseas Heritage Trail Master Plan was approved in August 2000. The coordination, planning, design, construction and management of the FKOHT, is a joint effort between the FDEP/ DRP, Monroe County, and the Florida Department of Transportation (FDOT). A Memorandum of Agreement was signed in August 2001, by the FDEP/DRP to maintain FDOT right-of-way where the trail will be designed and built. The FDEP/ DRP maintains a 50-year lease on all 23 historical bridges from State of Florida, Division of State Lands.

Cost: Total: Approximately 40 Million
Project Development:
Land Acquisition: Not applicable at this time.
Implementation:

The FDOT work program and the FDEP/DRP implementation plan outline a progression of design and build projects that will construct the Florida Keys Overseas Heritage Trail over the next six years. Construction of the FKOHT is funded in the FDOT Five Year Work Program using enhancement funds for the segments between historic bridges. Additional funding is being sought to retrofit the remaining historical bridges and fishing platforms. The FDEP/DRP is certified by the FDOT to design and build projects under the Local Agency Program (LAP) using enhancement funds.

DATA SHEET PROFILE

Operations and maintenance

There are currently 52 miles of existing bike path and 40 miles of new trail programmed for construction over the next eight years. There twenty-three bridges comprising fourteen miles of trail in various stages of completion and funding. The City of Key West currently maintains an agreement with the Florida Park Service on maintenance of the existing sections throughout the City. The Village of Islamorada and the City of Marathon are in the process of developing agreements for maintenance and trail planning. The FDEP/DRP has subcontracted the maintenance of the trail in accordance with the agreement established between FDOT and the FDEP/DRP.

Project Schedule: See table below:

TABLE 1

<u>Year/ Maintained By</u>	<u>Length</u>	<u>MM</u>	<u>Trail Status</u>	<u>Location</u>
City	3.8	0 – 3.8	Existing	City of Key West
M	1.4	3.8 – 5.2	Existing	Stock Island
2003/4	6.0	5.2 – 11	New	Key Haven to Big Coppitt
M	4.0	11 – 15	Existing	Landscaping on Saddlebunch Keys
2003/4	1.7	15 – 16.7	New	Lower Sugarloaf Trail
2003/4	8.0	17 – 25	New	Lower Sugarloaf to Summerland (2 miles of existing bike path)
2005/6	4.0	25 – 29	New	Ramrod to Big Pine Key
M	2.0	29 – 31	Existing	Big Pine
	2.0	31 – 33	Study Area	Big Pine
2008/9	7.0	33 – 40	New	Spanish Harbor to 7-Mile Bridge (Seven Mile Bridge excluded)
M	11	47 – 58	Existing	City of Marathon
2003/4	7.0	58 - 65	New	Grassy Key to Long Key.
M	3.0	65 – 68	Existing	Long Key Bike Path
2006/7	3.0	68 - 71	New	Layton to Channel 5
2006/7	3.0	71 – 74	New	Channel 5 to Annes Beach
Village	19	72 – 91	Various	Village of Islamorada
M	15	91 – 106	Existing	Key Largo

Total – 99 miles (excluding 7 mile bridge)

M – Maintenance conducted by FDEP/DRP.

40 Miles of new trail (38 Miles of unpaved trail, minus the Summerland bike path)

8 Miles of bridges

2 Miles of unpaved impervious surface at 23 bridgehead locations.

28 Miles of new impervious surface projected

Detailed Project Budget Information – See Table Below

	Thru 2003	2004	2005	2006	2007	2008	Balance to complete	Total
Federal								
State	\$ 6,195,182.00							
Tribal								
Local								
Other								
Total								

DATA SHEET PROFILE

Table 2

Project Name	Mile Marker	Phase	Estimated Cost	Funded Amount	Work Program	Funding Source	Year
Big Coppitt Landscaping	MM 10-15	PE/CST	\$ 677,000	\$ 677,000.00	N/A	CIGP (1M)) FDOT (1M)	2001/2002
Big Coppitt Handrails		PE/CST	\$ 423,000	\$ 423,000.00	N/A	CIGP (1M)) FDOT (1M)	2001/2002
Key Haven to Big Coppitt Trail	MM 5.2-11	PE	\$ 400,673	\$ 400,673.00	N/A	CIGP (1M)) FDOT (1M)	2001/2002
Rockland Channel Bridge	MM 9.5	PE	\$ 112,518	\$ 112,518.00	N/A	CIGP (1M)) FDOT (1M)	2001/2002
Grassy Key to Long Key Trail	61.3 - 65.6	PE	\$ 91,047	\$ 91,047.00	N/A	CIGP (1M)) FDOT (1M)	2001/2002
				\$ 1,704,238.00			
Lower Sugarloaf Trail	MM 15-16.5	PE	\$ 130,000	\$ 130,000.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$1,086,134.00)	2002/2003
		CST,CEI	\$ 665,000	\$ 665,000.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$1,086,134.00)	2002/2003
Lower Sugarloaf Historic Bridge	MM 15.5	PE	\$ 33,000	\$ 33,000.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$1,086,134.00)	2002/2003
		CST,CEI	\$ 255,000	\$ 255,000.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$1,086,134.00)	2002/2003
Overseas Heritage Trail Safety Improvements	Various	PE	\$ 175,992	\$ 175,992.00	N/A	CIGP \$ 527975.00 FDOT \$ 527975 = \$ 1055950	2002/2003
Overseas Heritage Trail Safety Improvements	Various	CST,CEI	\$ 879,957	\$ 879,957.00	N/A	CIGP \$ 527975.00 FDOT \$ 527975 = \$ 1055950	2002/2003
				\$ 2,138,949.00			
Key Haven to Big Coppitt Trail		CST,CEI	\$ 2,671,158	\$ 2,871,495.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$2,871,495)	2003//2004
FKOHT Signage Master Plan		PDE	\$ 25,000	\$ 25,000.00	In FDOT D6 WP	FDOT District 6	2003/2004
Key Haven to Big Coppitt Trail		CST,CEI	\$ 400,000	\$ 400,000.00	N/A	DHR GRANT	2003/2004
Grassy Key to Long Key Trail	58 - 61.3	PE	\$ 182,032	\$ 273,079.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$1,213,968.00)	2003/2004
Grassy Key to Long Key Trail	58 - 65.6	CST,CEI	\$ 1,213,968	\$ 1,213,968.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$1,213,968.00)	2003/2004
Tom's Harbor Bridge Platforms	MM 60.5	PE	\$ 61,800	\$ 61,800.00	In FDOT D6 WP	FDOT Statewide Enhancement Funds (TLH)	2003/2004
Tom's Harbor Bridge Platforms		CST,CEI	\$ 560,000	\$ 560,000.00	In FDOT D6 WP	FDOT State Enhancement Funds (TLH)	2003/2004
Tom's Harbor Cut Bridge Platforms	MM 61.7	PE	\$ 54,075	\$ 54,075.00	In FDOT D6 WP	FDOT State Enhancement Funds (TLH)	2003/2004
Tom's Harbor Cut Bridge Platforms		CST,CEI	\$ 560,000	Not Funded	Not Funded	SB grant app 5/02, use MC match money	2003/2004

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Long Key Bridge	MM 63	PE	\$	224,125	\$	224,125.00	In FDOT D6 WP	FDOT Statewide Enhancement Funds (TLH)	2003/2004
Fishing Pier Location Survey			\$	20,640	\$	20,640.00	N/A	FCO State Park Funds	2003/2004
Lower Sugarloaf to Summerland Key Trail	MM 16.5- 24.5	PE	\$	491,923	\$	491,000.00	In FDOT D6 WP	FDOT District 6	2003/2004
\$ 6,195,182.00									
Lower Sugarloaf to Summerland Key Trail		CST,CEI	\$	3,279,485	\$	3,550,156.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$ 3,550,156.00)	2004/2005
Bow Channel Bridge	MM 20	PE	\$	124,776		Not Funded	N/A	NPS- SAT Grant	2004/2005
		CST,CEI	\$	956,613		Not Funded	N/A	NPS- SAT Grant	2004/2005
Kemp Channel Bridge	MM 23.5	PE	\$	149,060		Not Funded	N/A	PLH Grant / FDOT Statewide Enhancement App	2004/2005
		CST,CEI	\$	1,571,400		Not Funded	N/A	PLH Grant / FDOT Statewide Enhancement App	2004/2005
Ramrod Key to Big Pine Key Trail	MM 26.2- 29.9	PE	\$	137,279	\$	175,081.00	In FDOT D6 WP	FDOT District 6 Enhancement	2004/2005
\$ 3,725,237.00									
Park Channel Bridge	MM 18.7	PE	\$	74,655	\$	80,000.00	In FDOT D6 WP	FDOT State Enhancement Funds (TLH)	2005/2006
Park Channel Bridge		CST,CEI	\$	572,358	\$	670,000.00	In FDOT D6 WP	FDOT State Enhancement Funds (TLH)	2005/2006
		CST,CEI	\$	915,193	\$	1,006,712.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$1,006,712)	2005/2006
Channel 5 to Anne's Beach Trail	MM 71.8- 73.5	PE	\$	246,600	\$	315,100.00	In FDOT D6 WP	FDOT District 6 Enhancement (315,000 PE)	2005/2006
Channel 2 Fishing Platforms		PE	\$	50,000.00		Not Funded	N/A	Apply various grant sources	2005/2006
Layton to Channel 5 Trail	MM 68.4- 70.8	PE	\$	308,250	\$	378,120.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$ 378K PE)	2005/2006
\$ 2,449,932.00									
Long Key Bridge		CST,CEI	\$	1,750,000	\$	1,750,000.00	In FDOT D6 WP	FDOT State Enhancement Funds (TLH)	2006/2007
South Pine Channel Bridge	MM 29	PE	\$	161,506	\$	81,000.00	In FDOT D6 WP	FDOT State Enhancement Funds (TLH)	2006/2007
Channel 5 to Anne's Beach Trail		CST,CEI	\$	1,644,000	\$	1,811,825.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$ 1,812,000)	2006/2007
Channel 2 Fishing Platforms		CST,CEI	\$	600,000.00		Not Funded	N/A		2006/2007
Layton to Channel 5 Trail		CST,CEI	\$	2,055,000	\$	2,174,190.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$2,174,190)	2006/2007

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Safety Upgrade and Improvements	Various	PE		175,000.00	Not Funded	N/A	Apply for enhancement/CIGP/Various	2006/2007
\$ 5,817,015.00								
South Pine Channel Bridge		CST,CEI	\$	1,547,765	\$ 600,000.00	In FDOT D6 WP	FDOT State Enhancement Funds (TLH)	2007/2008
Safety Upgrade and Improvements		CST,CEI		2,200,000.00	Not Funded	N/A		2007/2008
Spanish Harbor to Seven-Mile Bridge Trail	MM33.3-40.5	PE	\$	354,354	\$ 436,128.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$ 436,000 PE)	2007/2008
Spanish Harbor Historic Bridge	MM33-33.5	PE	\$	273,975	Not Funded	N/A	Reapply various grant sources/Discretionary	2007/2008
Ohio-Bahia Honda Historic Bridge	MM38.5	PE	\$	113,824	Not Funded	N/A	Reapply various grant sources/Discretionary	2007/2008
Ohio-Missouri Historic Bridge	MM39.1	PE	\$	157,882	Not Funded	N/A	Reapply various grant sources/Discretionary	2007/2008
Missouri-Little Duck Historic Bridge	MM39.7	PE	\$	90,606	Not Funded	N/A	Reapply various grant sources/Discretionary	2007/2008
\$ 1,036,128.00								
Spanish Harbor to Seven-Mile Bridge Trail		CST,CEI	\$	2,717,604	\$ 2,717,604.00	In FDOT D6 WP	FDOT District 6 Enhancement (\$ 2,718,000)	2008/2009
Spanish Harbor Historic Bridge		CST,CEI	\$	2,100,475	Not Funded	N/A	Reapply various grant sources/Discretionary	2008/2009
Ohio-Bahia Honda Historic Bridge		CST,CEI	\$	872,652	Not Funded	N/A	Reapply various grant sources/Discretionary	2008/2009
Ohio-Missouri Historic Bridge		CST,CEI	\$	1,210,246	Not Funded	N/A	Reapply various grant sources/Discretionary	2008/2009
Missouri-Little Duck Historic Bridge		CST,CEI	\$	698,648	Not Funded	N/A	Reapply various grant sources/Discretionary	2008/2009
\$ 2,717,604.00								
Total Project				Total In Work Program/Grants				
\$ 37,417,114				\$ 25,784,285.00				

DATA SHEET PROFILE

Project Name: Eastward Ho! Brownfields Partnership
Project ID: 3400
Lead Agency: South Florida Regional Planning Council

Strategic Plan Goal(s) Addressed: Goal 3.A.4

Measurable Output(s):

Project Synopsis: This partnership is a collaboration of local, state, regional and federal agencies with private sector, non-profit and community organizations targeting the cleanup and sustainable reuse of contaminated and abandoned/underused urban sites. The partnership has been designated a National Brownfields Showcase Community, one of 28 communities throughout the United States. This designation brings increased financial attention and resources for Brownfields work in south Florida. The target area is the portion of the Eastward Ho! corridor in Miami-Dade, Broward and Palm Beach Counties.

Federal/state/local partnership summits are held to network ideas and review local case studies. Stakeholder workshops are conducted to inform and link key players in revitalization projects. Constructive advice and additional project funding assistance are frequent outcomes of the summits. Establishment of county and city Brownfields Task Forces are encouraged to create and empower local focus on Brownfields issues. Design charrettes are conducted to consolidate local vision of future growth goals. Assistance in clarifying contamination issues at abandoned or underused properties is given to help expedite reuse considerations. A Brownfields Cleanup Revolving Loan Fund has been established to assist with site-specific cleanup activities.

The goal of this project is to facilitate discussion among the many stakeholders in formulating future growth visions and implementation that accommodates community needs while being compatible with south Florida ecosystem restoration and preservation.

Cost:	Total (estimated)	TBD
	Project Development	N/A
	Land Acquisition	\$0
	Implementation	N/A
	Operations and maintenance	\$0

Project Schedule:

Start Date:	1998
Finish Date:	2010

Detailed Project Budget Information (1000s)

	Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
EPA	2,500	790	1,050	714	771	742		
HUD	7,150	300			8,300			
Others	624				30			
State	1.5 M	312						
Tribal								
Local	23	28	15	15	30	15		
Other *		2.5			39,100			
Total	11,800	1,400			48,231	757		TBD

* Private party contributions

DATA SHEET PROFILE

Project Name: South Florida Ecosystem Restoration Earth Team
Project ID: 3500
Lead Agency: USDA-NRCS
Authority: USDA-NRCS

Strategic Plan Goal(s) Addressed: 3.A.5

Measurable Output(s): Measured by ultimately training 1000+ volunteers to educate their communities about conservation of Natural Resources and the Ecosystem Restoration of South Florida (Train 100 trainers per year and educate 1, 000 people per year)

Project Synopsis: The United States Department of Agriculture – Natural Resources Conservation Service (USDA-NRCS) provides leadership in a partnership effort to train 1,000 Earth Team Volunteers to help people learn about and participate in the South Florida Ecosystem Restoration Project and to conserve, maintain, and improve our Natural Resources and Environment.

The USDA-NRCS has established the Earth Team to provide an effective volunteer workforce within the USDA-NRCS to help people conserve, improve, and sustain the Earth's resources and its environment.

Cost: Total \$750,000
 Project Development
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 2002
 Finish Date: Ongoing

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
SFWMD								
Total								\$750,000

Point of Contact: Thaddeus Hamilton (954) 792-1984

DATA SHEET PROFILE

Project Name: C-4 Flood Mitigation Projects
Project ID: 3600
Lead Agency: South Florida Water Management District

Strategic Plan Goal(s) Addressed: 3.B.1

Measurable Output(s): Improve conveyance and level of service protection in the C-4 Basin

Project Synopsis: A series of projects which will work together to raise the flood protection level in the C-4 basin from a 5 year service level to over a 10 year service level. A forward pump station at the coastal structure, raising the canal banks to prevent canal overflows into adjacent low areas, an emergency impoundment to reduce severe flood stages in the west end, and canal improvements to improve flows to tide.

The new forward pump station at S-25B rated at 600 cubic feet per second will allow for discharges from the C-4 basin when the structure can no longer pass water due to high tide or surge conditions .

The C-4 Emergency Detention Basin Phase 1 is the construction of a 669 cfs pump station, supply canal, enlargement of the C-4 Canal, access bridge and perimeter levee creating a 400 +/- Ac above ground impoundment area to provide Cities of Sweetwater and West Miami flood protection. This project removes high stages from the western end of the basin until the system has recovered to normal operating levels. Funding for this project is being provided by FEMA. Currently the project is under construction and expected to be completed by October of 2003.

The C-4 Emergency Detention Basin Phase 2 includes an additional 800 cfs pump station, and construction of a second perimeter basin levee system to create an additional 400 Ac of above ground impoundment area. Funding for this project will be by the State of Florida. This project is currently under permitting and construction is expected to begin by October of 2003, and completed by June of 2004.

The C-4 Phase 3 project involves the selective dredging of the C-4 canal to improve conveyance capacity at specific locations including 137th Ave to the Turnpike. The project is currently under design.

The Sweetwater Berm. This work involves the construction of an earthen berm along the north side of the C-4 Canal within the city limits of Sweetwater. The north berm will be raised from Elevation 6 to 7.0 to Elevation 9.0. This will prevent canal overflows into the city during high canal stages and allow for a pumping system being implemented by the city to provide flood protection. This project is completed from the Turnpike to N.W. 107th Ave. The District is currently evaluating extending the berm to NW 92nd Ave.

Cost:	Total	\$44,500,000*
	Project Development	\$3,200,000
	Land Acquisition	\$11,900,000
	Implementation	\$28,400,000
	Operations and maintenance	\$1,000,000

*\$29.1 million is being funded by FEMA

\$15.4 million is being funded by State

Project Schedule:

Start Date: March 2001
Finish Date: December 2004

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

DATA SHEET PROFILE

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal			\$3,500	\$4,500	\$12,800	\$8,300		\$29,100
SFWMD								
State				\$6,000	\$4,000	\$5,400		\$15,400
Total			\$3,500	\$10,500	\$16,800	\$13,700		\$44,500

Point of Contact: Raul Pelligrino (561) 682-6583

DATA SHEET PROFILE

Project Name: Kissimmee Basin Water Supply Plan (*KB Plan*)
Project ID: 3700
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.1

Measurable Output(s): 63.5 MGD Water Made Available by 2007

Project Synopsis: Significant water supply planning and development projects were initiated with the completion of the *Kissimmee Basin (KB) Plan* (SFWMD 2000). The *KB Plan* identified fourteen recommendations to develop facilities to provide alternative sources of water for this region. The following seven water source options were recognized to address key regional issues for this planning area that are addressed in both the *KB Plan* and in the *Five-Year Water Resources Development Work Program for FY 2003-2007*:

- Minimize Floridan Aquifer Drawdown through Reduction of Demands
- Minimize Floridan Aquifer Drawdown through Reduction of Demands
- Optimize Use of the Floridan Aquifer and Develop Alternative Sources
- Develop Alternative Water Resources
- Develop a Water Management Plan for the Lake Istokpoga-Indian Prairie Basin
- Coordination among Water Management Districts
- Ensure Consistency between Planning and Water Use Permitting

The *KB Plan* will be updated in 2005.

Cost: Total \$2,105,000 (FYs 2003-07)
 Project Development \$2,105,000
 Land Acquisition
 Implementation
 Operations and maintenance

	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	2003	2004	2005	2006	2007	Total
Federal						
SFWMD	\$695	\$835	\$375	\$100	\$100	\$2,105*
Total	\$695	\$835	\$375	\$100	\$100	\$2,105*

* The *Five-Year Water Resource Development Work Program, Fiscal Year 2003-2007*

Point of Contact: Chris Sweazy (407) 858-6100

DATA SHEET PROFILE

Project Name: Lower East Coast Regional Water Supply Plan (*LEC Plan*)
Project ID: 3701
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.1

Measurable Output(s): 145.1 MGD Water Made Available by 2007

Project Synopsis: Significant water supply planning and development projects were initiated with the completion of the *Lower East Coast (LEC) Interim Plan* (SFWMD 1998) and *LEC Plan* (SFWMD 2000). The *LEC Plan* identified forty-six recommendations to develop facilities to provide alternative sources of water for this region. The following eight water source options were recognized to address key regional issues in this planning area that are addressed in both the *LEC Plan* and in the *Five-Year Water Resources Development Work Program for FY 2003-2007*:

- Ongoing Projects from the LEC Interim Plan
- Other Federal State or SFWMD Projects
- Comprehensive Everglades Restoration Plan Projects
- Recommendations to the CERP from the LEC Regional Water Supply Plan
- Recommendations to the CERP from the Caloosahatchee Water Management Plan
- Operational Recommendations
- Consumptive Use Permitting and Resource Protection Projects
- Other Water Resource Projects

The *LEC Plan* will be updated in 2005.

Cost:

Total	\$28,465,000 (FYs 2003-07)
Project Development	\$28,465,000
Land Acquisition	
Implementation	
Operations and maintenance	

Project Schedule:

Start Date:	2003
Interim Date:	2007

	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	2003	2004	2005	2006	2007	Total
Federal						
SFWMD	\$5,113	\$8,013	\$7,413	\$3,963	\$3,963	\$28,465*
Total	\$5,113	\$8,013	\$7,413	\$3,963	\$3,963	\$28,465*

* The *Five-Year Water Resource Development Work Program, Fiscal Year 2003-2007*

Point of Contact: Jim Jackson (561) 682-6334

DATA SHEET PROFILE

Project Name: Lower West Coast Water Supply Plan (*LWC Plan*)
Project ID: 3702
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.1

Measurable Output(s): 151.8 MGD Water Made Available by 2007

Project Synopsis: Significant water supply planning and development projects were initiated with the completion of the *Lower West Coast (LWC) Plan* (SFWMD 2000). The *LWC Plan* identified twenty-nine recommendations to develop facilities to provide alternative sources of water for this region. The following eight water source options were recognized to address key regional issues in this planning area that are addressed in both the *LWC Plan* and in the *Five-Year Water Resource Development Work Program for FY 2003-2007*:

- Conservation
- Ground Water Resources
- Reclaimed Water
- Regional Irrigation Systems
- Seawater
- Storage
- Surface Water
- Related Implementation Strategies

The *LWC Plan* will be updated in 2005.

Cost:

Total	\$4,472,000	(FYs 2003-07)
Project Development	\$4,472,000	
Land Acquisition		
Implementation		
Operations and maintenance		

Project Schedule:

Start Date:	2003
Finish Date:	2007

	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	2003	2004	2005	2006	2007	Total
Federal						
SFWMD	\$546	\$686	\$436	\$1,052	\$1,752	\$4,472*
Total	\$546	\$686	\$436	\$1,052	\$1,752	\$4,472*

* The *Five-Year Water Resource Development Work Program, Fiscal Year 2003-2007*

Point of Contact: Linda Hoppes (561) 682-2213

DATA SHEET PROFILE

Project Name: Upper East Coast Water Supply Plan (*UEC Plan*)
Project ID: 3703
Lead Agency: South Florida Water Management District
Authority: Chapter 373, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.1

Measurable Output(s): 40.9 MGD Water Made Available by 2007

Project Synopsis: Significant water supply planning and development projects were identified and initiated with the completion of the *Upper East Coast (UEC) Plan* (SFWMD 1998). The *UEC Plan* identified thirty recommendations to develop facilities to provide alternative sources of water for this region. The following seven water source options were recognized to address key regional issues for this planning area that are addressed in both the *UEC Plan* and in the *Five-Year Water Resources Development Work Program for FY 2003-2007*:

- Surface Water Storage
- Aquifer Storage and Recovery
- Florida Aquifer
- Conservation
- Wastewater Reuse
- Utility Interconnects
- Related Implementation Strategies

The *UEC Plan* will be updated in 2004.

Cost:

Total	\$762,000 (FYs 2003-07)
Project Development	\$762,000
Land Acquisition	
Implementation	
Operations and maintenance	

Project Schedule:

Start Date: 2003
 Finish Date: 2007

	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	2003	2004	2005	2006	2007	Total
Federal						
SFWMD	\$132	\$195	\$195	\$120	\$120	\$762*
Total	\$132	\$195	\$195	\$120	\$120	\$762*

* The *Five-Year Water Resource Development Work Program, Fiscal Year 2003-2007*

Point of Contact: Sharon Fowler (561) 682-6155

DATA SHEET PROFILE

Project Name: C&SF: CERP - South Miami-Dade County Reuse (BBB)
Project ID: 3800
Lead Agency: USACE / Miami-Dade County
Authority: WRDA 2014 (scheduled)

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): 131 MGD Advanced WWTP

Project Synopsis: This feature includes a plant expansion to produce superior, advanced treatment of wastewater from the existing South District Wastewater Treatment Plant located north of the C-1 Canal in Miami-Dade County. The initial design of this feature assumed that the plant would have a capacity of 131 million gallons per day. More detailed analyses will be required to determine the quality and quantity of water needed to meet the ecological goals and objectives of Biscayne Bay.

Cost:

Total	\$363,024,000
Project Development	\$24,711,000
Land Acquisition (est.13, 950 acres)	\$3,324,000
Implementation	\$334,989,000
Operations and maintenance	\$47,815,000

Project Schedule:

Start Date: 2011
 Finish Date: 2020

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Planning & Design										
Real Estate										
Construction										

Detailed Project Budget Information (\$1000)

	2011	2012	2013	2014	2015	2016	2017-2020 Balance to complete	Total
USACE	2,471	2,471	4,133	2,471	2,471	41,873	125,622	\$181,512
M-D Co	2,471	2,471	4,133	2,471	2,471	41,873	125,622	\$181,512
Total	4,942	4,942	8,266	4,942	4,942	83,746	251,244	\$363,024

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_98.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - West Miami-Dade County Reuse (HHH)
Project ID: 3801
Lead Agency: USACE / Miami Dade County
Authority: WRDA 2014 (scheduled)

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): 100 mgd Advanced WWTP

Project Synopsis: This feature includes a wastewater treatment plant expansion to produce superior, advanced treatment of wastewater from a future West Miami-Dade Wastewater Treatment Plant to be located in the Bird Drive Basin in Miami-Dade County. The initial design assumed a potential discharge volume of 100 million gallons per day from the wastewater treatment plant. The final configuration of these facilities will be determined through more detailed planning and design to be completed in the ongoing West Dade Water Reuse Feasibility Study authorized in Section 413 of the Water Resources Development Act of 1996. Superior water quality treatment features will be based on appropriate pollution load reduction targets necessary to protect downstream receiving surface waters.

Cost:

Total	\$437,237,000
Project Development	\$29,953,000
Land Acquisition (est.3,947 acres)	\$3,540,000
Implementation	\$403,744,000
 Operations and maintenance	 \$36,500,000

Project Schedule:

Start Date: 2011
 Finish Date: 2020

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Planning & Design										
Real Estate										
Construction										

Detailed Project Budget Information (\$1000)

	2011	2012	2013	2014	2015	2016	2017-2020 Balance to complete	Total
USACE	2,995	2,995	3,880	3,880	2,995	50,468	151,406	\$218,619
M-D Co	2,995	2,995	3,880	3,880	2,995	50,468	151,405	\$218,618
Total	5,990	5,990	7,760	7,760	5,990	100,936	302,811	\$437,237

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_97.cfm

DATA SHEET PROFILE

Project Name: C&SF: CERP - Wastewater Reuse Technology – Pilot Project (HHH)(BBB)(OPE)
Project ID: 3802
Lead Agency: USACE / SFWMD
Authority: WRDA 2000

Strategic Plan Goal(s) Addressed: Primary: Goal 3.C.2

Measurable Output(s): Report and Pilot Facility

Project Synopsis: The purpose of this project is to determine the ecological effects of using superior, advanced treated reclaimed water to replace and augment freshwater flows to Biscayne Bay and the Bird Drive Basin, and to determine the level of superior, advanced treatment required to prevent degradation of freshwater and estuarine wetlands and Biscayne Bay. The City of West Palm Beach is constructing a facility at the East Central Regional Wastewater Treatment Facility using advanced and superior wastewater treatment processes to remove nitrogen and phosphorous. After treatment, the wastewater will be used to restore 1,500 acres of wetland and to recharge the City's adjacent wellfield.

Cost:

Total	\$30,000,000
Project Development	\$3,011,000
Land Acquisition	\$2,800,000
Implementation	\$23,189,000
Monitoring	\$1,000,000

Project Schedule:

Start Date: 2001
 Finish Date: 2013

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Feasibility & Design													
Real Estate													
Construction													
Monitoring													

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	2004	2005	2006	2007	2008	2009-2013 Balance to complete	Total
USACE	515	161	161	160	3,180	2,479	2,480	5,865	\$15,001
SFWMD	515	160	160	161	3,179	2,480	2,479	5,865	\$14,999
Total	1030	321	321	321	6,359	4,959	4,959	11,730	\$30,000

Hyperlink: http://www.evergladesplan.org/pm/projects/proj_37.cfm

DATA SHEET PROFILE

Project Name: Lower West Coast Regional Irrigation Distribution System Master Plan Study
Project ID: 3803
Lead Agency: SFWMD
Authority: Chapter 373.0831 Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): Study

Project Synopsis: The construction and operation of a regional irrigation distribution system (RIDS) will enable water to be transferred from areas of surplus to areas of deficit to fulfill urban irrigation needs. This system could conserve the fresh ground water sources, while maximizing the use of reclaimed water that would have otherwise been discharged to surface water or deep well injected and lost from the inventory. Storage, primarily through ASR, will be a key component to bridge the gap between the seasonal and geographic relationships of available water supplies and demands. The RIDS makes irrigation water available for local supply entities/utilities to withdraw from for distribution to meet their individual needs. In addition, the RIDS could have many different configurations, including one large regional system, several subregional systems, or a utility-by-utility basis. This study is conducted as part of the Lower West Coast Water Supply Plan.

Cost:	Total	\$1,500,000 (FYs 2003-07)
	Project Development	\$1,500,000
	Land Acquisition	
	Implementation	
	Operations and maintenance	

Project Schedule:

Start Date:	2003
Finish Date:	2007

	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	2003	2004	2005	2006	2007	Total
Federal						
SFWMD	0	\$200	0	\$300	\$1,000	\$1,500*
Total	0	\$200	0	\$300	\$1,000	\$1,500*

* The Five-Year Water Resource Development Work Program, Fiscal Year 2003-2007

Point of Contact: Nestor Garrido (561) 682-6908

DATA SHEET PROFILE

Project Name: Northern Palm Beach County and Southern Martin County Reclaimed Water Master Plan
Project ID: 3804
Lead Agency: SFWMD
Authority: Chapter 373.0831 Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): Study

Project Synopsis: In FY 2002, the SFWMD conducted a master plan study of the feasibility of construction and operation of a reclaimed water system for northern Palm Beach County. This study is conducted as part of the *Lower East Coast Regional Water Supply Plan*. The nine-month study included the quantification of existing and future (2020) irrigation demands in the study area, quantifying availability of local sources, and determining the unmet needs. The study evaluated different treatment and transmission options, institutional frameworks, and funding options. Local entities contributed \$55,000 towards this project. The study was completed and it was determined that the project was not economically feasible.

Cost:	Total	\$140,000 (FY02)
	Project Development	\$140,000
	Land Acquisition	
	Implementation	
	Operations and maintenance	

Project Schedule:

Start Date:	2002
Finish Date:	2002

	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	2002	2003	2004	2005	2006	2007	Total
Federal							
SFWMD	\$140						\$140*
Total	\$140						\$140*

*The total cost for this project is included in the total cost for the *Lower East Coast Regional Water Supply Plan* and the *Five-Year Water Resource Development Work Program, Fiscal Year 2002-2006*

Point of Contact: Nestor Garrido (561) 682-6908

DATA SHEET PROFILE

Project Name: Orlando/Kissimmee Area Regional Reclaimed Water Optimization Plan
Project ID: 3805
Lead Agency: SFWMD
Authority: Chapter 373.083, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.2

Measurable Output(s): Study

Project Synopsis: During FY 2001, the SFWMD initiated four projects towards developing a regional reclaimed water optimization plan for a total of \$250,000. These projects included installation of climatic and shallow aquifer monitoring stations, development of the Region Reuse Plan and Phase I of the Reclaimed Water Injection Pilot Study. Activities proposed for FY 2004 include a continuation of the climate and ground water level monitoring and the drafting/workshop process for the Regional Reclaimed Water Plan development. Phase II of the Reclaimed Water Injection Pilot Study was not continued due to lack of local support. No new programs are proposed for FY 2004. These efforts are being conducted as a part of the Kissimmee Basin Water Supply Plan.

Cost:	Total	\$360,000
	Project Development	\$360,000
	Land Acquisition	
	Implementation	
	Operations and maintenance	

Project Schedule:

Start Date:	2002
Finish Date:	2005

	2002	2003	2004	2005	2006	2007	2008
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	2003	2004	2005	2006	2006	2007	Total
Federal							
SFWMD	\$300	\$30	\$30	0	0	0	\$360*
Total	\$300	\$30	\$30	0	0	0	\$360*

*The total cost for this project is included in the total cost for the Kissimmee Basin Water Supply Plan and the projected budget was provided by the KB Project Manager, Chris Sweazy.

Point of Contact: Chris Sweazy (407) 858-6100

DATA SHEET PROFILE

Project Name: Alternative Water Supply Grant
Project ID: 3900
Lead Agency: SFWMD
Authority: Chapter 373.1961, Florida Statutes

Strategic Plan Goal(s) Addressed: 3.C.3

Measurable Output(s): 83 MGD Water Made Available in FY04; over 200 MGD in the past 6 years

Project Synopsis: SFWMD began a program of cooperative funding with local governments and other entities for the development of alternative water supply systems in 1986. Alternative water supply systems are defined as supplies of water that have been reclaimed after one or more public supply, municipal, industrial, commercial, or agricultural uses, or are supplies of stormwater, or brackish or salt water, that have been treated in accordance with applicable rules and standards sufficient to supply the intended use. The Alternative Water Supply Funding Program was revised to be consistent with legislation passed in 1995 and continues the cooperative funding effort with the focus on development of alternative water supply systems in Water Resource Caution Areas

Cost: Total \$4,500,000 FY 2004
 Project Development \$4,500,000
 Land Acquisition
 Implementation
 Operations and maintenance

Project Schedule:

Start Date: 1996
 Finish Date: On-going/ annual grants

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Planning & Design									
Real Estate									
Construction									

Detailed Project Budget Information (\$1000)

	Exp Thru 1999	2000	2001	2002	2003	2004	Balance to complete	Total
Federal								
SFWMD	\$27,950	\$4,100	\$600	\$3900	4,006	4500	TBD	TBD
Total	\$27,950	\$4,100	\$600	\$3900	4006	4500	TBD	TBD

Point of Contact: Jane Bucca (561) 682-6791

DATA SHEET PROFILE

Project Name: Critical Projects - Florida Keys Carrying Capacity
Project ID: 4100
Lead Agency: USACE / FDCA
Authority: WRDA 1996

Strategic Plan Goal(s) Addressed: Primary: 3.C.4

Measurable Output(s): Report

Project Synopsis: The carrying capacity study/analysis will develop information that will improve decision-making regarding development approvals and infrastructure investments, and its impact on the ecology and natural system in the Florida Keys and Florida Bay. The development of a decision making tool will provide a comprehensive basis for coordinating and strengthening water and land related planning efforts by local, state and federal agencies. Study was completed March 2003.

Cost:

Total	\$6,000,000
Project Development	\$6,000,000
Land Acquisition	
Implementation	

Operations and maintenance

Project Schedule:

Start Date:	1997
Finish Date:	2003

	1997	1998	1999	2000	2001	2002	2003
Planning & Design							
Real Estate							
Construction							

Detailed Project Budget Information (\$1000)

	Thru 2002	2003	Total
USACE	2,946	54	\$3,000
FDCA	3,000	0	\$3,000
Total	5946	54	\$6,000

Hyperlink: <http://www.saj.usace.army.mil/projects/proj4.htm>

DATA SHEET PROFILE

Project Name: BMP's for Agriculture
Project ID: 4101
Lead Agency: Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.C.4

Measurable Output(s): Nutrient Load Reduction

Project Synopsis: This project provides for technical assistance to landowners and managers of agricultural lands. The goals of this project are to encourage the adoption and implementation of Best Management Practices (BMPs) that will provide for sustainable agriculture within the Everglades ecosystem that is both ecologically and economically sound. Comprehensive resource management plans are developed with the farmer/rancher to achieve their management objectives, while meeting federal, state, regional and local environmental quality criteria and standards (TMDL"S).

Cost: Total \$77,584,000
Project Development
Land Acquisition
Implementation
Operations and maintenance: \$77,584,000

Project Schedule:

Start Date: 1997
Finish Date: 2011

Detailed Project Budget Information(\$1000)

	Through 2003	2004	2005	2006	Balance to Complete	Total
Federal	\$23,834	\$4,440	\$4,573	\$4,710	\$32,241	\$69,798
State	\$1,385	\$720	\$741	\$764	\$4,176	\$7,786
Tribal						
Local						
Other						
Total	\$25,219	\$5,160	\$5,314	\$5,474	\$36,417	\$77,584

Point of Contact: David Legg – 561-683-0883 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Monitoring of Organic Soils in the Everglades
Project ID: 4102
Lead Agency: Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.C.4

Measurable Output(s): Resource Assessment

Project Synopsis: This project will produce an assessment of the amount of accretion and/or subsidence that has occurred on organic soils throughout the Everglades region. ARS and IFAS have initiated work within the Everglades Agricultural Area (EAA) based upon observations taken every 5-year from 1913 – 1978. The goal of this project is to expand this assessment to the entire Everglades ecosystem, in an effort to provide scientists and land managers a tool to ascertain the effects from hydrologic condition changes upon the organic soil resource.

Cost: Total: \$1,236,000
Project Development
Land Acquisition
Implementation
Operations and maintenance \$1,236,000

Project Schedule:
Start Date: 1998
Finish Date: 2012

Detailed Project Budget Information

	Thru 1999	2002	2003	2004	2005	2006	Balance to complete	Total
Federal	\$25,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000	\$1,125,000
State	\$11,000							\$11,000
Tribal								
Local								
Other								
Total	\$36,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000	\$1,236,000

Point of Contact: Ken Liudahl 561-683-0883 (USDA – NRCS)

DATA SHEET PROFILE

Project Name: Soil Survey Update for the Everglades Agricultural Area
Project ID: 4103
Lead Agency: Natural Resources Conservation Service
Authority: Public Law 46

Strategic Plan Goal(s) Addressed: 3.C.4

Measurable Output(s): Acres Mapped

Project Synopsis: This project will produce an updated comprehensive soil survey of the Everglades Agricultural Area (EAA). The project is designed to produce a spatial representation of the soils on approximately 700,000 acres, and a detailed description of each soil's profile. The current soil survey is over 20 years old. Significant changes have occurred due to organic soil subsidence and changes in landscape features. This project will provide an effective conservation planning tool for on-farm decision making that will contribute to over-all ecosystem restoration efforts.

Cost:
Total: \$1,500,000
Project Development: \$1,500,000
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:

Start Date: 2004
Finish Date: 2007

Detailed Project Budget Information

				2004	2005	2006	Balance to complete	Total
Federal				\$250,000	\$500,000	\$500,000	\$250,000	\$1,500,000
State								
Tribal								
Local								
Other								
Total				\$250,000	\$500,000	\$500,000	\$250,000	\$1,500,000

Point of Contact: Warren Henderson 352-338-9535 (USDA – NRCS)

DATA SHEET PROFILE

Project name: Soil Survey for Everglades National Park, Big Cypress, National Preserve, and Water Conservation Areas
Project ID: 4104
Lead Agency: NRCS
Authority: PL-46

Strategic Plan Goal(s) Addressed: Primary :3.C.4

Measurable Output(s): Acres Mapped

Project Synopsis: This project will produce a comprehensive soil survey of Everglades National Park, Big Cypress National Preserve, and the Water Conservation Areas. The project is designed to produce a spatial representation of the soils on approximately 2,000,000 acres, and a detailed description of each soil's profile. Currently there is not a detailed soil survey available to land managers, modelers and planners. This project will provide an effective correlation/association tool for land managers, modelers and planners to identify, restore, and sustain natural ecological communities.

Cost: Total - \$5,600,000
Project Development - \$5,600,000
Land Acquisition
Implementation
Operations and maintenance

Project Schedule:
Start Date: 2004
Finish Date: 2009

Detailed Project Budget Information (1000s)

	2004	2005	2006	2007	2008	2009	Balance to complete	Total
Federal	\$800	\$800	\$800	\$800	\$800	\$800	0	\$5,600
State								
Tribal								
Local								
Other								
Total								\$5,600

Hyperlink- - Warren Henderson –352-338-9535
USDA - NRCS